

File 269

IMMUNO LTD

PRICE LIST January 1980



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HEALTH AND SAFETY AT WORK ACT

In accordance with the requirements of the above Act we use our direction circular as a means of drawing the attention of our customers to any possible hazards.

Please pay careful attention to these direction circulars concerning the storage and handling of our products.

TERMS OF BUSINESS

Our terms of business include the following:

All items are subject to Value Added Tax at the standard rate.

Orders valued £10.00 or over will be sent carriage paid.

All orders supplied are invoiced net monthly account.

In the event of goods failing to arrive, or arriving damaged we will give assistance to customers in making their claims against carriers, provided we are given details within three days of receipt of invoice.

PHARMACEUTICAL PRODUCTS

HUMAN ALBUMIN PREPARATIONS

Product No.

HUMAN ALBUMIN FRACTION (SALINE) BP 4.3% "IMMUNO" (PLASMA PROTEIN FRACTION BP)

Product Licence No. 0215/0002

Human Albumin Fraction (Saline) BP 4.3% "Immuno" contains albumin and heat stable Alpha and Beta globulins prepared from human plasma

Indications: Human Albumin Fraction (Saline) BP 4.3% "Immuno" is indicated for volume replacement in hypovolaemic shock e.g. following crush injury, severe trauma, surgery, burns or abdominal emergency and for use whenever a predominant loss of plasma fluid has occurred.

Pack Sizes:

A36047	Infusion bottles containing	50 ml	£4.80
A36065		250 ml	£20.50
A36069		400 ml	£32.00

A Data sheet providing full information on this product is available on request.

HUMAN ALBUMIN 20% "IMMUNO" (SALT POOR ALBUMIN)

Product Licence No. 0215/0009

Human Albumin 20% BP "Immuno" is a solution in water of human albumin containing a low proportion of salt. It contains 20% protein of which at least 97% is albumin, the remainder being thermostable Alpha and Beta globulins.

Indications: For treating hypoalbuminaemia, oedema, septic shock and shock due to endotoxins. Human Albumin 20% BP "Immuno" is administered as an injection or an infusion.

For treatment of the acute phase of burns or haemorrhagic shock Human Albumin 20% BP "Immuno" is diluted with 3 parts dextrose, laevulose or electrolyte solutions and the resulting 5% solution administered by infusion.

Pack Sizes:

A15032	Rubber capped vial containing	10 ml	£4.30
A15047		50 ml	£19.00
A15055		100 ml	£37.50

A data sheet providing full information on this product is available on request.

COAGULATION FACTOR CONCENTRATES

Product No.

KRYOBULIN™ (RED PACK – PLASMA SOURCE – EUROPE)

Product Licence No. 0215/0003

Dried Human Antihaemophilic Fraction BP (Factor VIII concentrate)

Kryobulin corrects Factor VIII deficiency and is used in the treatment of bleeding due to such deficiency in:

Haemophilia A

von Willebrand's Disease

Haemophilia complicated by Factor VIII inhibitors

This product is available in the following packs:

***KRYOBULIN™ HOME TREATMENT PACKS**

C15515 Kryobulin 250 i.u. vial lyophilised powder
1 vial water for injections BP 10 ml

C25535 Kryobulin 500 i.u. vial lyophilised powder
1 vial water for injections BP 20 ml

The home treatment pack contains all the equipment required by the patient for the reconstitution and administration of Kryobulin at home. The pack is designed so that the Kryobulin and the equipment are in separate packs but are held together by an outer sleeve.

***KRYOBULIN™ HOSPITAL PACKS**

C50540 Kryobulin 1,000 i.u. vial lyophilised powder
1 vial water for injections BP 40 ml

This pack is ideal for use in the hospital during and following an operation when large amounts of Factor VIII concentrate are required.

The hospital pack does not contain administration and reconstitution equipment, it only contains a filter needle and venting needle.

A data sheet providing full information on this product is available on request

KRYOBULIN™ (BLUE PACK – PLASMA SOURCE – AMERICA)

Product No. 0215/003

Dried Human Antihaemophilic Fraction BP (Factor VIII Concentrate)

Kryobulin corrects Factor VIII deficiency and is used in the treatment of bleeding due to such deficiency in:

Haemophilia A

von Willebrand's Disease

Haemophilia complicated by Factor VIII inhibitors

This product is available in the following packs:

***KRYOBULIN™ HOME TREATMENT PACKS**

C15516 Kryobulin 250 i.u. vial lyophilised powder
1 vial water for injections BP 10 ml

C25536 Kryobulin 500 i.u. vial lyophilised powder
1 vial water for injections BP 20 ml

See Kryobulin red pack for contents of home treatment pack.

***Prices available on request**

COAGULATION FACTOR CONCENTRATES

Product No.

C50541

KRYOBULIN™ HOSPITAL PACK

Kryobulin 1,000 i.u. vial lyophilised powder

1 vial water for injections BP 40 ml

See Kryobulin red pack for contents of hospital pack

A data sheet providing full information on this product is available on request.

D90535

PROTHROMPLEX™

Product Licence No. 0251/007

Partial prothrombin complex
(Factor II, IX, X concentrate)

Prothromplex contains 500 units each of the coagulation factors II, IX and X

Indications: Treatment of cases of Factor IX deficiency (Haemophilia B)

The pack contains full equipment for reconstitution and administration.

A data sheet providing full information on this product is available on request

£54.00

HEPARIN

Product No

HEPARIN INJECT 5000 BP

Product Licence No 0215/0017

A sterile solution of 5000 i.u. Heparin Sodium (mucous) in
0.3 ml water for injection BP.

Indications: Prevention of thrombosis following surgery.

Pack Sizes:

F14400

10 preloaded syringes 0.3 ml

£ 8.50 per box

F14415

100 preloaded syringes 0.3 ml

£78.00 per box

A data sheet providing full information on this product is
available on request.

**LABORATORY
DIAGNOSTIC
PRODUCTS**

BLOOD GROUP SEROLOGY

Product No ABO SYSTEM

FOR SLIDE AND TUBE TEST:

5500015	Anti-A	5 ml	£2.20
5500045		1 x 10 ml	£4.00
5500050		4 x 10 ml	£14.40
5505015	Anti-B	5 ml	£2.20
5505045		1 x 10 ml	£4.00
5505050		4 x 10 ml	£14.40
5510015	Anti-A+B (Group O)	5 ml	£2.20
5510045		1 x 10 ml	£4.00
5510050		4 x 10 ml	£14.40
5515005	Anti-A ₁ (Phytagglutinin)	1 ml	£2.40
5515010		2 ml	£4.00
5520010	Anti-H (A ₂) (Phytagglutinin, lyophilised)	1 ml	£2.40
	Combined Packing:		
5752010	Anti-A, B, A+B (Group O) and D of each	10 ml	£17.00
6030005	*Test Erythrocytes A ₁ , A ₂ , B & O of each	5 ml	£16.00

RHESUS SYSTEM

FOR SLIDE AND TUBE TEST:

5540025	Anti-D (Rh ₀)	5 ml	£4.00
5540055		1 x 10 ml	£7.60
5540060		4 x 10 ml	£25.00
5545010	Anti-CD (Rh ₀ ')	2 ml	£4.60
5545015		5 ml	£8.90
5545020		10 ml	£17.00
5550010	Anti-DE (Rh ₀ '')	2 ml	£4.60
5550015		5 ml	£7.50
5550020		10 ml	£14.00
5555010	Anti-CDE (Rh ₀ '')	2 ml	£4.80
5555015		5 ml	£11.20
5555020		10 ml	£21.00
5560010	Anti-C (rh')	2 ml	£8.80
5565010	Anti-E (rh'')	2 ml	£6.40
5570005	Anti-c (hr')	1 ml	£3.00
5570010		2 ml	£5.40
5575005	Anti-e (hr'')	1 ml	£5.20
5575010		2 ml	£9.80
5580005	Anti-C ^w	1 ml	£5.40

FOR INDIRECT COOMBS TEST ONLY:

5585005	Anti-D+ D ^u	1 ml	£6.40
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FOR SALINE TEST ONLY:

5541010	Anti-D (Rh ₀)	2 ml	£9.60
5541015		5 ml	£22.80
5561005	Anti-C (rh')	2 ml	£16.00
5566010	Anti-E (rh'')	2 ml	£15.00
5571005	Anti-c (hr')	1 ml	£8.60
5576005	Anti-e (hr'')	1 ml	£10.40

Product No OTHER BLOOD GROUP SYSTEMS

		FOR SLIDE AND TUBE TEST:	
5601005	Anti-M (animal)	1 ml	£3.00
5611005	Anti-P (animal)	1 ml	£5.00
		FOR TUBE TEST ONLY:	
5605005	Anti-N (lectin)	1 ml	£3.00
5615005	Anti-S	1 ml	£4.20
5615010		2 ml	£7.60
		FOR INDIRECT COOMBS TEST ONLY:	
5620005	Anti-s	1 ml	£5.20
5625005	Anti-K (Anti-Kell)	1 ml	£3.00
5625010		2 ml	£5.60
5630005	Anti-k (Anti-Cellano)	1 ml	£5.40
5635005	Anti-Fy ^a (Duffy ^a)	1 ml	£4.90
5640005	Anti-Fy ^b (Duffy ^b)	1 ml	£8.40
5645005	Anti-Jk ^a (Kidd ^a)	1 ml	£8.40
5650005†	Anti-Jk ^b (Kidd ^b)	1 ml	£12.90
5665005	Anti-Lu ^a (Lutheran ^a)	1 ml	£12.00
5675005	Anti-Kp ^b (Rautenberg ^b)	1 ml	£7.20

† Limited supplies, please check prior to ordering

COOMBS SERUM

For direct and indirect Coombs test
Polyvalent Anti-human Globulin serum

5800015	5 ml	£3.60
5800020	1 x 10 ml	£6.30
5800025	4 x 10 ml	£23.00

COOMBS SERUM AUTO

5800020/A	As above but packed in special dropper bottles for use in certain automatic cell washers	1 x 10 ml	£6.30
		20 x 10 ml	£5.70 per 10 ml

2680005	ANTI-HUMAN GLOBULIN, LYOPHILISED (Lyophilised Coombs Serum)	4 ml	£8.80
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6070005	*COOMBS CONTROL CELLS 5%	5 ml	£4.40
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BOVINE ALBUMIN 30%

For antibody detection (cross match, titrations) and albumin tube test

5875020	1 x 10 ml	£2.00
5875025	4 x 10 ml	£7.00
5875040	50 ml	£8.00
5875050	500 ml	£67.00

BOVINE ALBUMIN 22%

For antibody detection (cross match, titrations) and albumin tube test

5870020	1 x 10 ml	£1.90
5870025	4 x 10 ml	£6.60
5870035	50 ml	£7.60
5870050	500 ml	£64.00

BROMEXON®

885005	For antibody detection (cross match, titrations) Bromelin, stabilised and lyophilised	2 ml	£7.30
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WE SHALL BE PLEASED TO QUOTE SPECIAL PRICES FOR BLOOD GROUPING REAGENTS WHEN PURCHASED ON STANDING ORDER OR CONTRACT. SPECIAL PRICES ARE ALSO AVAILABLE FOR BULK PACKS OF ANTISERA.

* Available on standing order only

COAGULATION

CLOTTING FACTOR REFERENCE PLASMAS

The 100% reference plasmas are stable, lyophilised plasmas prepared from selected normal citrated plasma donations. When reconstituted with the value of distilled water indicated on the label they will contain 1 i.u./ml.

The calibration of the 100% Factor VIII reference plasma is carried out with the one and two stage Factor VIII assay tests Immuno against the WHO concentrate standard (2nd International Standard established in 1976) and also the British Plasma Standard (6th British Standard established in 1977). The Factor IX reference plasma is calibrated using the Factor IX one stage assay test Immuno against the WHO concentrate standard (1st International 1976).

Product No

5136005	Factor V	100%	1 ml	£4.30 each
5146005	Factor VII	100%	1 ml	£4.30 each
5156005	Factor VIII	100%	1 ml	£2.50 each
			50 x 1 ml	£2.30 each
5166005	Factor IX	100%	1 ml	£2.50 each
			50 x 1 ml	£2.30 each
5176005	Factor X	100%	1 ml	£4.30 each

CLOTTING FACTOR DEFICIENT PLASMAS

Human lyophilised, stabilised deficient plasmas. They are tested for the absence of activators and inhibitors. Once reconstituted the plasmas will remain stable in an ice bath for 2 hours.

5134005	Factor V	1 ml	£5.40 each
5144003	Factor VII	1 ml	£5.10 each
5154005	Factor VIII	1 ml	£3.70 each
		50 x 1 ml	£3.50 each
5154010		2 ml	£6.60 each
		50 x 2 ml	£6.40 each
5164005	Factor IX	1 ml	£3.80 each
		50 x 1 ml	£3.60 each
5164010		2 ml	£6.70 each
		50 x 2 ml	£6.50 each
5174003	Factor X	1 ml	£5.40 each
5184003	Factor XI	1 ml	£7.20 each
5194005	Factor XII	1 ml	£7.20 each

KITS FOR COAGULATION STUDIES

Product No.

5030005	PTT REAGENT KIT A kit of reagents for carrying out Activated Partial Thromboplastin Time. The kit contains sufficient reagent to carry out 38 tests (2 x 19). Normal and abnormal controls are supplied with confidence limits. 2 vials Phospholipid Kaolin reagent lyophilised 2 ml 1 vial PTT control plasma normal lyophilised 1 ml 1 vial PTT control plasma abnormal lyophilised 1 ml 1 bottle calcium chloride solution (25m mol/l) 5 ml	38 test kit	£5.40
5035020	SEPARATE REAGENTS PTT reagent (Phospholipid Kaolin)	5 x 2 ml	£ 7.60
	CONTROL PLASMAS FOR PTT See page 12		
5151010	FACTOR VIII REAGENT KIT (ONE STAGE ASSAY) A reagent kit for carrying out a one stage Factor VIII assay. Factor VIII 100% reference plasma is not supplied with the kit. The kit contains sufficient reagents to carry out 9 assays. Contents of kit: 1 vial Factor VIII deficient plasma lyophilised 2 ml 1 vial Phospholipid Kaolin reagent lyophilised 1 ml 1 vial Factor VIII control plasma <30% lyophilised 1 ml 1 bottle Calcium Chloride solution (50 mmol/l) 5 ml	Kit for 9 Assays	£12.50
5153015	FACTOR VIII ASSAY KIT (TWO STAGE METHOD) A reagent kit for carrying out a two stage Factor VIII assay. The kit contains sufficient reagents for carrying out 4-6 assays. Contents of kit: 1 vial reagent No. 1 – to be dissolved in imadazole buffer 3 ml 1 vial Phospholipid Kaolin, lyophilised 3 ml 1 vial reagent No. 2, lyophilised 3 ml 1 vial Factor VIII 100% reference plasma, lyophilised 1 ml 1 bottle Calcium Chloride sodium (25 mmol/l) 5 ml	Kit for 4-6 Assays	£8.00
5152005	FACTOR VIII INHIBITOR KIT A kit for carrying out Factor VIII inhibitor assay. The kit contains sufficient reagents to carry out between 2 and 4 assays. The assay result is expressed in Bethesda units. Contents of kit: 2 vials Factor VIII normal plasma, lyophilised (contains 1 i.u./ml when dissolved in the amount of water indicated on the label) 1 vial Factor VIII inhibitor plasma, lyophilised (to be dissolved in 1 ml distilled water to give the number of Bethesda units/ml on the label) 1 vial Factor VIII deficient plasma, lyophilised (a negative control for Factor VIII inhibitor) 1 vial imidazole buffer 17 ml	Kit for 2-4 Assays	£15.80

Product No.

5161050

FACTOR IX REAGENT KIT**Kit for 9
Assays**

£12.50

A reagent kit for carrying out a one stage Factor IX assay. Factor IX 100% reference plasma is not supplied with the kit. The kit contains sufficient reagents to carry out 9 assays.

- 1 vial Factor IX deficient plasma, lyophilised 1 ml
- 1 vial Phospholipid Kaolin reagent lyophilised 1 ml
- Diluent for Factor IX test sample, lyophilised 5 ml
- 1 vial Factor IX control plasma <30% activity lyophilised 1 ml
- 1 bottle Calcium Chloride solution (50 mmol/l) 5 ml

CONTROL PLASMAS

5158005	FACTOR VIII CONTROL PLASMA (<30%) lyophilised	1 ml	£2.90
5168005	FACTOR IX CONTROL PLASMA (<30%) lyophilised The Factor VIII and Factor IX control plasmas are given nominal values for the respective one stage (manual) method and should therefore only be included as abnormal quantity control plasmas when the corresponding Immuno reagents are also used. The plasmas can be used as precision quality control plasmas for Factor VIII and Factor IX determinations.	1 ml	£2.90
5010020	CONTROL PLASMA AK- P 6 x 0.6 ml vials lyophilised Prepared from donors stabilised on long term anticoagulant therapy. It serves as a control of accuracy in Thromboplastin tests. Confidence limits are given for Thrombotest, Normotest, British Comparative Thromboplastin and Manchester Comparative Reagent.		£12.30
5040010	NORMAL CONTROL PLASMA FOR PTT TEST Lyophilised	5 x 1 ml	£9.40
5041020	ABNORMAL CONTROL PLASMA FOR PTT TEST (Lyophilised)	5 x 1 ml	£9.40

RAPIDOPHOR ELECTROPHORESIS SYSTEM

Product No.

RAPIDOPHOR™ – Low voltage electrophoresis system to be used in conjunction with the Rapidophor test kits

EQUIPMENT

9851003	RAPIDOPHOR ELECTRONIC POWER PACK	£600.00
9851006	RAPIDOPHOR ELECTROPHORESIS CHAMBER To be used in conjunction with the Rapidophor Power Pack unit and the Lipidophor and Immunophor kits	£120.00
9851009	VIDOPHOR A viewer for the evaluation of the results obtained when using Lipidophor and Immunophor kits. The apparatus has been designed to accept an instant camera which will provide a permanent record of the results	£140.00
9851012	LIPOTHERM A thermostatically controlled heating block to liquefy the bottles of Agar medium in the Lipidophor kit	£98.00
9860003	LIPOSCRIPT A modern precision densitometer optimally matched for the quantitation of the lipoprotein electrophoresis LIPIDOPHOR, but also equally suitable for other test systems. The LIPOSCRIPT is simple to operate and produces a chart of the bands measured and also integrates and displays the area under the curve, for each band, as a relative percentage. When used for the densitometric evaluation of protein electrophoresis, the LIPOSCRIPT is capable of displaying the concentration of each protein band if the total protein value of the serum under test is entered. Other features include a maximum of 15 separations per sample, scanning time of 1.5 seconds automatic or manual determination of the fraction limits and a stepless adjustable measuring range of 10 to 55 mm.	£3,000
9800023	LIPOSCRIPT CHART PAPER 500 Sheets Orange for lipoprotein densitometry	£5.00
9800029	Blue for protein densitometry	

Product No.

8200010

LIPIDOPHOR ALL IN (12 tests)
(Lipoprotein Electrophoresis Kit)**1 kit**
(12 tests)

£19.80

Contents of Kit

6 x Lipidophor Agarmedium trays (2 tests per tray)
 3 x Lipidophor Agarmedium vials for sample preparation
 1 vial Lipidophor Agarmedium for sealing the gel tray wells
 1 vial tank buffer powder (to be dissolved in 600 ml distilled water)
 80 ml Lipidophor developer solution No. 1
 80 ml Lipidophor developer solution No. 2
 Plastic gel cutter

Lipoproteins can be separated by electrophoresis in a suitable agarmedium containing albumin. The different lipoprotein fractions become visible by chemical precipitation. Staining of the lipoprotein bands is, therefore, unnecessary. For quantitation, densitometry of the bands is possible using the **LIPOSCRIPT** densitometer. Following quantitation of the bands by densitometry, it is possible, by means of a simple calculation, to determine the amount of lipoprotein in each band in mg/100 ml. From these figures the β/α lipoprotein ratio ($\frac{LDL}{HDL}$) can then be calculated

This ratio is a reliable and reproducible indicator of the risk of arteriosclerosis

8230210

DEVELOPER SOLUTION NO. 3

For confirmation of Type III hyperlipoproteinaemia when using the **LIPIDOPHOR** kit

5 x 5 ml

£7.00

8270005

IMMUNOPHOR ALL IN 12

A complete test kit for the qualitative analysis of serum proteins by immunoelectrophoresis using the Rapidophor Electrophoresis System

1 kit
(12 tests)

£13.80

Contents of Kit

6 x Immunophor Agarmedium trays
 (2 tests per tray)
 Immunophor tank buffer

IMMUNOPHOR ANTISERA (liquid)

The following antisera which are specially matched to Immunophor are available in individual packs as follows:

8300005	Anti-Human (polyvalent)	1 ml	£11.00
8310005	Anti-IgA/IgM/IgG (trivalent)	1 ml	£13.80
8311005	Anti-IgA (α chain)	1 ml	£16.50
8312005	Anti-IgG (γ chain)	1 ml	£16.50
8313005	Anti-IgM (μ chain)	1 ml	£11.00
8330005	Anti-IgD (δ chain)	0.5 ml	£9.90
8340005	Anti-Ig/L chain type κ	0.5 ml	£10.80
8350005	Anti-Ig/L chain type λ	0.5 ml	£10.80
8360005	Anti-Bence-Jones - Protein free κ	0.5 ml	£8.30
8370005	Anti-Bence-Jones - Protein free λ	0.5 ml	£8.30

IMMUNOPHOR CONTROL SERA (lyophilised)

8405005	Path-Control IgA Paraprotein type κ human	0.5 ml	£3.00
8410005	Path-Control IgG Paraprotein type κ human	0.5 ml	£3.00
8411005	Path-Control IgG Paraprotein type λ human	0.5 ml	£3.00
8415005	Path-Control IgM Paraprotein type κ human	0.5 ml	£3.00
8400005	Norm-Control human	0.5 ml	£1.90

Product No.**RAPIDOPHOR KITS FOR THE DETECTION OF HB_s Ag, HB_sAb, AFP and LP-X**

In addition to the Rapidophor electronic power pack the following equipment is required:

9851015	RAPIDOPHOR CONNECTOR To connect the disposable electrophoresis chamber (included in the kits) to the Rapidophor electronic power pack		£62.00
9851018	RAPIDOPHOR VIEWER A magnifying viewer for reading the results from the gel trays (included in the kits)		£69.00
8000010	AUSTRAGEN RAPIDOPHOR ALL IN PACK A completely disposable kit for the detection of HB _s Antigen on our Rapidophor Electrophoresis unit. 20 tests are completed in less than 30 minutes	20 tests	£9.70
	Contents Disposable electrophoresis chamber Agarmedium tray HB _s Antibody, liquid HB _s Control Antigen, liquid thermoinactivated Tank buffer, ready for use.		
8080010	*AUSTRAKORP RAPIDOPHOR ALL IN PACK A completely disposable kit for the detection of HB _s Antibody on our Rapidophor Electrophoresis unit. The test requires one hour for incubation and half an hour for crossover electrophoresis	20 tests	£9.70
	Contents Disposable electrophoresis chamber Agarmedium tray HB _s Ag for inhibition (not thermoinactivated) HB _s Ab liquid Tank buffer, ready for use		
	*AUSTRAGEN Kits for the detection of HB _s Antigen using crossover electrophoresis equipment other than RAPIDOPHOR		
	Contents HB _s Antibody, liquid HB _s control antigen, liquid, thermoinactivated Agarmedium Buffer		
8010005		30 tests	£6.60
8010010		100 tests	£16.50
8010015		300 tests	£44.00
8050830	HB _s Antibody	4.5 ml	£28.60
8055005	HB _s Control Antigen (Thermoinactivated)	1.0 ml	£5.70

* Only available to order

Product No. 8150010	ALPHA₁ FETOPROTEIN RAPIDOPHOR ALL IN PACK A completely disposable kit for the detection of Alpha ₁ Fetoprotein using the Rapidophor electrophoresis unit. The test is important in the diagnosis of primary liver carcinoma and malignant teratoma and also for the investigation of amniotic fluid and serum during pregnancy for the early detection of neural tube defects Contents Disposable electrophoresis chamber Agarmedium tray AFP Antiserum, liquid AFP positive control Tank buffer, ready for use	20 tests	£15.00
8150005	ALPHA₁ FETOPROTEIN RAPIDOPHOR Contents 4 x disposable electrophoresis chambers 4 x Agarmedium trays AFP Antiserum, liquid AFP positive control 4 x tank buffer, ready for use	4 x 5 tests	£25.30
8120025	LP-X RAPIDOPHOR TEST ALL IN PACK A completely disposable kit for the detection of Lipoprotein-X on our Rapidophor electrophoresis system Lipoprotein-X is a specific and sensitive indicator for cholestasis. The test differentiates between cholestatic (intra and extra-hepatic) jaundice and non-cholestatic jaundice. Contents Disposable electrophoresis chamber Agarmedium tray Tank buffer, ready for use Positive control serum Developer, ready for use	10 tests	£15.00
8120005	LP-X RAPIDOPHOR TEST Contents 4 x disposable electrophoresis chambers 4 x Agarmedium trays Tank buffer, ready for use Positive control sera 4 x Developer, ready for use	4 x 5 tests	£28.60

RHEUMA DIAGNOSTICS

Product No. RHEUMA LATEX SCREENING TEST "IMMUNO"

Kit for the detection of the rheumatoid factor in human serum.

Contents

Latex particles, sensitised with human gamma globulin,
positive and negative control serum
Buffer
Well slide

2501005	20 tests	£3.90
2501010	40 tests	£6.60
2501015	100 tests	£12.10

Replacement items

2505010	Rheuma latex reagent	5 ml	£5.50
2507010	Positive Control Serum	2 ml	£2.20
2508010	Negative Control Serum	2 ml	£2.80

2520010 RHEUMA LATEX SICCA

10 tests £2.50

A quick simple latex test for the qualitative and semi quantitative determination of rheumatoid factor. For a single test the latex reagent is dried onto individual trays and it is only necessary to add two drops of diluted serum to the tray. Measured bottles of buffer are provided so that individual dilutions of serum can be easily made.

Contents

10 trays with dried latex reagent
10 vials buffer, ready for use
10 capillaries + dropper
10 stirring rods

2525010	RHEUMA LATEX SICCA BUFFER (ready to use) For semi quantitative detection with the Rheuma Latex Sicca	25 ml	£0.80
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2550010 ANTISTREPTOLYSIN TEST "IMMUNO"

20 tests £4.60
(2 x 10)

For the detection of Antistreptolysin-O antibody by a simple standardised method. The results are expressed in international units (i.u.) ASL-O per ml

Contents

Streptolysin-O reagent, lyophilised 2 bottles
Antistreptolysin Standard, lyophilised (0.75 i.u./ASL-O per 0.5 ml)

2555010	ANTISTREPTOLYSIN BUFFER "IMMUNO" 25 fold concentrated buffer for carrying out the Antistreptolysin Test "Immuno"	40 ml	£0.60
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2590005 CRP CAPILLARY TEST "IMMUNO"

20 tests £5.00

Kit for the detection of C-reactive protein (acute phase protein)

Contents

Precipitating Anti-CRP Serum
CRP positive control serum
Glass capillaries
Plasticine

RADIAL IMMUNODIFFUSION PLATES

RADIAL IMMUNODIFFUSION PLATES IgA IgG IgM

These plates contain heavy-chain-specific (α , γ and μ chains) anti-human IgG, anti-human IgA and anti-human IgM serum in a ready to use agarose gel layer.

The antisera are obtained by immunisation of goats with highly purified human IgG, IgA or IgM

Preservatives: sodium azide (1g/l max.) amphotericin B (0.1 g/l max.)

For setting up reference curves, use EP/ON reference standards 1, 2, 3, human and the LL reference standards 1, 2, 3, 4 human

TYPE OF PLATE	ANALYTICAL PROCEDURE	INCUBATION TIME	REFERENCE STANDARDS	EVALUATION
EP End Point	method for rapid estimation	IgG 6 hours	ON/EP 1,2,3	semilog/D
		IgA 6 hours	ON/EP 1,2,3	semilog/D
		IgM 6 hours	ON/EP 1,2,3	semilog/D
	end point determination	IgG 45 hours	ON/EP 1,2,3	linear/D ²
		IgA 45 hours	ON/EP 1,2,3	linear/D ²
		IgM 45 hours	ON/EP 1,2,3	linear/D ²
LL Low Level	method for rapid estimation	IgG 6 hours	LL 1,2,3,4	semilog/D
		IgA 9 hours	LL 1,2,3,4	semilog/D
		IgM not suitable		
	end point determination	IgG 24 hours	LL 1,2,3,4	linear/D ²
		IgA 24 hours	LL 1,2,3,4	linear/D ²
		IgM 24 hours	LL 1,2,3,4	linear/D ²
ON Overnight	rapid test	IgG 16-24 hours	ON/EP 1,2,3	semilog/D
		IgA 16-24 hours	ON/EP 1,2,3	semilog/D
		IgM 16-24 hours	ON/EP 1,2,3	semilog/D

D = diameter of the precipitation ring in mm.
D² = square of the diameters in mm².

COLOUR CODING FOR GELS

IgA red
IgM blue
IgG green
IgA/IgM/IgG red/blue/green

Product No.

END POINT PLATES

3001005	IgA	24 tests per plate	£16.50
3002005	IgG	24 tests per plate	£16.50
3003005	IgM	24 tests per plate	£16.50
3000005	IgG/IgA/IgM	3 x 8 tests per plate	£16.50

OVERNIGHT PLATES

3011005	IgA	24 tests per plate	£16.50
3012005	IgG	24 tests per plate	£16.50
3013005	IgM	24 tests per plate	£16.50
3010005	IgG/IgA/IgM	3 x 8 tests per plate	£16.50

LOW LEVEL PLATES

3021005	IgA	24 tests per plate	£16.50
3022005	IgG	24 tests per plate	£16.50
3023005	IgM	24 tests per plate	£16.50

Product No.

3045005

RADIAL IMMUNODIFFUSION PLATES LL-CRP

24 tests per plate

£19.40

For the quantitation of CRP in human serum

LL-CRP Immunodiffusion plates contain monospecific anti-CRP serum in ready to use agarose gel layer. The antiserum is obtained by immunisation of rabbits with a highly purified CRP reagent.

Preservative: p-Hydroxybenzoic acid methyl-ester (max. 1g/l)
For the preparation of reference curves use with the LL-CRP Reference Standards 1,2,3 human

REFERENCE STANDARDS

Sets of prediluted standards available for use with our radial immunodiffusion plates. IgA, IgG, IgM reference curves can be obtained from the same pack of standards.

Concentrations are given in mg/dl and i.u./ml on the reading scale provided. They are determined according to WHO standard no. 67/68

**RADIAL IMMUNODIFFUSION EP/ON STANDARDS
(IgA/IgG/IgM)**

4900005

1 pack containing 0.5 ml each of standards No. 1
No. 2
No. 3

£7.00

4940005

**RADIAL IMMUNODIFFUSION LL STANDARDS
(IgA/IgG/IgM)**

£9.30

1 pack containing 0.5 ml each of standards No. 1 (LL)
No. 2 (LL)
No. 3 (LL)
No. 4 (LL)

4950005

RADIAL IMMUNODIFFUSION LL-CRP STANDARDS

£7.80

Ready to use solutions with specified concentration values for C-reactive protein

1 pack containing 0.5 ml each of No. 1 LL CRP
No. 2 LL CRP
No. 3 LL CRP

AUTOANTIBODY DIAGNOSTICS

Product No.			
2620010	CELL NUCLEI CONSUMPTION TEST "IMMUNO" Kit for detection of autoantibodies against cell nuclei (anti-nuclear factors) in cases of lupus erythematosus collagenoses (lupoid), rheumatoid arthritis, lupoid hepatitis Contents Bovine cell nuclei lyophilised, Anti-Human Globulin Serum lyophilised, Anti-D serum	10 tests	£36.30
2630010	COLLAGEN CONSUMPTION TEST "IMMUNO" Kit for the detection of collagen autoantibodies in cases of rheumatoid arthritis, Felty syndrome, Sjorgren syndrome, collagenoses, lupus erythematosus Contents Bovine Collagen Antigen lyophilised, Anti-Human Globulin Serum lyophilised, Anti-D Serum	10 tests	£36.30
2640010	HEART ANTIGEN CONSUMPTION TEST "IMMUNO" Kit for the detection of autoantibodies against heart muscle antigen in cases of rheumatic fever, chronic endomyocarditis and pre and post heart surgery Contents Heart muscle antigen (Rhesus monkey) lyophilised with quartz. Anti-Human Globulin Serum, lyophilised Anti-D Serum	10 tests	£36.30
2600010	LEUCOCYTES CONSUMPTION TEST "IMMUNO" Kit for the detection of leucocyte antibodies in cases of immunogranulocytopenia, pancytopenia Felty syndrome Contents Leucocytes, human, lyophilised Anti-Human Globulin Serum, lyophilised Anti-D Serum	10 tests	£36.30
2610010	THROMBOCYTES CONSUMPTION TEST "IMMUNO" Kit for the detection of thrombocyte autoantibodies in cases of immunothrombocytopenia (idiopathic, thrombocytopenic, purpural), pancytopenia Contents Thrombocytes, human, lyophilised Anti-Human Globulin Serum, lyophilised Anti-D Serum	10 tests	£36.30

SEMMELWEIS PRODUCTS

Manufactured in Italy by Semmelweis srl. IMMUNO Ltd are the sole distributors for Semmelweis products in the United Kingdom and Eire.

CENTROPA PRODUCTS

Product No.			
PB-1000	ADEPLAT KIT (A preliminary screening test for platelet adhesiveness) The kit contains all the necessary equipment for carrying out this test. The range of results given with this test will only be correct when the complete kit is used.	1 x 6 tests	£20.00
PB-1004	ADEPLAT PUMP (For use with the Adeplat S and Adeplat T Test Kits.)		£250.00
PB-1002	ADEPLAT S KIT (A standardised test for platelet adhesiveness. For use in the diagnosis of diseases characterised by a reduction in platelet adhesiveness) This kit is used in conjunction with the Adeplat pump system and contains all the necessary equipment for carrying out the test. This is a standardised test system and the range of results given with the kit depends on the complete kit being used with the Adeplat pump.	1 x 6 tests	£20.00
PB-1006	ADEPLAT T KIT (A standardised test for platelet adhesiveness. For use in the diagnosis of diseases characterised by an increase in platelet adhesiveness) This kit is used in conjunction with the Adeplat pump system and contains all the necessary equipment for carrying out the test. This is a standardised test system and the range of results given with the kit depends on the complete kit being used with the Adeplat pump.	1 x 6 tests	£20.00
PB-1008	ADEPLAT S COLUMNS Separate packs of the Adeplat S columns which are included in the Adeplat S kits. Laboratories must produce their own range of normal values when using these columns with their own pump system.	25 per pack	£50.00
PB-1010	ADEPLAT T COLUMNS Separate packs of the Adeplat T columns which are included in the Adeplat T kits. Laboratories must produce their own range of normal values when using these columns with their own pump system.	25 per pack	£50.00

Product No.

PB-1500

AGP TEST

£35.00

For the evaluation of platelet aggregation induced by ADP, Adrenaline, Collagen and Ristocetin.

Contents of one kit:-

2 bottles	ADP lyophilised
5 x 1 ml vials	Adrenaline bitartrate
1 x 0.5 ml (1mg/ml)	Collagen suspension
1 x 25 mg	Ristocetin lyophilised
1 x 50 ml	Diluent A (for ADP, Adrenaline and Ristocetin)
1 x 4 ml	Diluent B (for Collagen)

Bulk packs of individual reagents are available separately, complete with the appropriate diluent.

PB-1500 A	ADP lyophilised	24 bottles	£25.00
PB-1500 B	Adrenaline bitartrate	36 vials	£40.00
PB-1500 C	Collagen suspension	12 x 0.5 ml	£50.00
PB-1500 D	Ristocetin lyophilised	6 x 25 mg	£96.00

PB-1300

HEMOFAST

200 ml

£9.80

A single solution for rapid fixing and staining of blood films. Each pack of stain is sufficient for approximately 3,000 films. Hemofast is suitable for many other uses including the staining of malaria parasites

PB-1200

STROMATOL

50 ml

£5.00

A platelet counting fluid for use in manual techniques. The addition of a blue dye to the solution makes platelet counting easier and removes the need for phase contrast microscopy.

PB-1400

CALCULUS ANALYSIS

100 tests

£12.00

A set of reagents and control for the determination of eight components occurring in urinary calculi.

ISMUNIT PRODUCTS

Manufactured in Italy by Istituto Immunologico Italiano. IMMUNO Ltd are the sole distributors for Ismunit products in the United Kingdom and Eire.

VIROLOGY REAGENTS

ANTIGENS FOR COMPLEMENT FIXATION (4ml vial)

The suggested working dilutions for the Antigens are given on the vial label.

The Antigens are not pathogenic or infectious and should be stored at 4°C.

Product No.	PNEUMOTROPIC VIRUSES	
A/303	Adenovirus	£21.20
A/503	ECHO 8	£40.20
A/388	ECHO 11	£40.20
A/305	ECHO 20	£40.20
A/508	ECHO 25	£40.20
A/309	ECHO 28	£40.20
A/327	Influenza A	£21.20
A/362	Influenza B	£21.20
A/324	Myxovirus parainfluenza 1	£40.20
A/312	Myxovirus parainfluenza 2	£40.20
A/329	Myxovirus parainfluenza 3	£40.20
A/400	Myxovirus parainfluenza 4	£40.20
A/318	Psittacosis	£58.20
*A/302	Reovirus	£58.20
A/360	Respiratory syncytial virus	£40.20
	NEUROTROPIC VIRUSES	
A/368	Coxsackie B1	£40.20
A/345	Coxsackie B2	£40.20
A/386	Coxsackie B3	£40.20
A/352	Coxsackie B4	£40.20
A/363	Coxsackie B5	£40.20
A/356	Coxsackie B6	£40.20
*A/383	Central European Encephalitis	£58.20
A/504	ECHO 2	£40.20
A/506	ECHO 3	£40.20
A/387	ECHO 4	£40.20
*A/510	ECHO 5	£40.20
A/361	ECHO 6	£40.20
A/515	ECHO 7	£40.20
A/385	ECHO 9	£40.20
A/538	ECHO 14	£40.20
A/393	ECHO 16	£40.20
A/365	ECHO 18	£40.20
*A/557	ECHO 21	£40.20
A/563	ECHO 30	£40.20
*A/569	ECHO 31	£40.20

* Upon order – Minimum quantity 10 vials

Product No.	NEUROTROPIC VIRUSES cont.	
A/378	Encephalomyocarditis	£40.20
A/379	Herpes simplex	£40.20
A/395	Lymphocytic Choriomeningitis	£58.20
*A/382	Mumps	£29.60
A/346	Poliomyelitis 1	£17.80
A/321	Poliomyelitis 2	£17.80
A/319	Poliomyelitis 3	£17.80
	COXSACKIE TYPE A VIRUSES	
A/339	Coxsackie A 1	£31.80
A/304	Coxsackie A 2	£31.80
A/323	Coxsackie A 3	£31.80
A/314	Coxsackie A 4	£31.80
A/308	Coxsackie A 5	£31.80
A/320	Coxsackie A 6	£31.80
A/313	Coxsackie A 7	£31.80
A/335	Coxsackie A 8	£31.80
A/343	Coxsackie A 9	£31.80
A/311	Coxsackie A10	£31.80
*A/349	Coxsackie A11	£37.00
*A/322	Coxsackie A12	£37.00
*A/306	Coxsackie A13	£37.00
*A/315	Coxsackie A14	£37.00
*A/333	Coxsackie A15	£37.00
*A/317	Coxsackie A16	£37.00
*A/341	Coxsackie A17	£37.00
*A/375	Coxsackie A18	£37.00
*A/310	Coxsackie A19	£37.00
*A/389	Coxsackie A20	£37.00
*A/307	Coxsackie A21 (Coe)	£31.80
*A/359	Coxsackie A22	£37.00
*A/340	Coxsackie A24	£37.00
	OTHER VIRUSES	
*A/380	Measles	£52.90
	RICKETTSIAE	
A/377	Q Fever	£58.20
	PROTOZOA AND MYCOPLASMA	
*A/347	Toxoplasma	£52.90
A/370	Mycoplasma pneumoniae	£32.10
	CONTROL ANTIGENS (4ml)	
A/301	Mouse brain	£12.70
A/325	Monkey kidney	£12.70
A/331	KB cells	£12.70
A/337	RC-37 cells	£12.70
A/396	Chick embryo	£12.70
A/376	Guinea-pig spleen	£12.70
A/353	Mouse muscle	£12.70
A/526	Mycoplasma medium	£12.70

* Upon order – Minimum quantity 10 vials

VIRUS TYPING SERA

These sera are obtained from animals which have been hyperimmunised with virus strains obtained from the American Type Culture Collection and are used for the serological identification of viruses. Information concerning the titre, date of preparation, the animal species and prototype virus strain with which it has been prepared is given with each vial. All sera are sterile, free from preservatives and are non toxic for tissue culture cells. They are sent in liquid phase and must be stored at a temperature of - 20°C or below. At these temperatures their titre remains virtually unchanged for at least 3 years. Repeated freezing and thawing does not significantly alter their titre.

NEUTRALISING SERA (2ml)

Titration is carried out following incubation for 1 hour at 37°C of a 0.1ml mixture containing equal volumes of serum dilution and a virus suspension containing 100 TCID₅₀ (tissue culture infectious doses 50%). To detect non neutralised virus, new born mice in addition to monkey kidney or human cell cultures can be used, depending on the specific virus type. Each serum vial is provided with data concerning the titration. Neutralising titre is given as the highest sera dilution in a 1ml volume which neutralises 100 TCID₅₀ of the specific virus. For typing a virus isolate which contains up to 10³ or 10⁴ TCID₅₀ in 0.1ml, the sera can be diluted from 5 to 100 times.

Product No.

S/496	Adenovirus 1	£14.60
S/401	Adenovirus 2	£14.60
S/418	Adenovirus 3	£14.60
S/423	Adenovirus 4	£14.60
S/406	Adenovirus 5	£14.60
S/433	Adenovirus 6	£14.60
S/445	Adenovirus 7	£14.60
S/497	Adenovirus 7a	£14.60
S/413	Adenovirus 8	£14.60
S/429	Adenovirus 9	£14.60
S/453	Adenovirus 10	£14.60
S/442	Adenovirus 11	£14.60
S/431	Adenovirus 12	£14.60
S/415	Adenovirus 13	£14.60
S/426	Adenovirus 14	£14.60
S/461	Adenovirus 15	£14.60
S/452	Adenovirus 16	£14.60
S/447	Adenovirus 17	£14.60
S/432	Adenovirus 18	£14.60
S/404	Adenovirus 19	£14.60
S/430	Adenovirus 20	£14.60
S/417	Adenovirus 21	£14.60
S/409	Adenovirus 22	£14.60
S/467	Adenovirus 23	£14.60
S/407	Adenovirus 24	£14.60
S/436	Adenovirus 25	£14.60
S/420	Adenovirus 26	£14.60
S/405	Adenovirus 27	£14.60
S/494	Adenovirus 28	£14.60
S/440	Adenovirus 29	£14.60
S/450	Adenovirus 30	£14.60
S/666	Adenovirus 31	£14.60
S/633	Adenovirus 32	£14.60
S/618	Adenovirus 33	£14.60

Product No.	NEUTRALISING SERA (2ml) cont.	
S/460	Coxsackie A1	£14.60
S/469	Coxsackie A2	£14.60
S/468	Coxsackie A3	£14.60
S/470	Coxsackie A4	£14.60
S/474	Coxsackie A5	£14.60
S/479	Coxsackie A6	£14.60
S/482	Coxsackie A7	£14.60
S/483	Coxsackie A8	£14.60
S/493	Coxsackie A9	£14.60
S/485	Coxsackie A10	£14.60
S/488	Coxsackie A11	£14.60
S/486	Coxsackie A12	£14.60
S/491	Coxsackie A13	£14.60
S/500	Coxsackie A14	£14.60
S/499	Coxsackie A15	£14.60
S/489	Coxsackie A16	£14.60
S/498	Coxsackie A17	£14.60
S/490	Coxsackie A18	£14.60
S/525	Coxsackie A19	£14.60
S/521	Coxsackie A20	£14.60
S/544	Coxsackie A21	£14.60
S/540	Coxsackie A22	£14.60
S/517	Coxsackie A24	£14.60
S/463	Coxsackie B1	£14.60
S/457	Coxsackie B2	£14.60
S/403	Coxsackie B3	£14.60
S/424	Coxsackie B4	£14.60
S/419	Coxsackie B5	£14.60
S/410	Coxsackie B6	£14.60
S/475	ECHO 1	£14.60
S/471	ECHO 2	£14.60
S/462	ECHO 3	£14.60
S/481	ECHO 4	£14.60
S/455	ECHO 5	£14.60
S/446	ECHO 6	£14.60
S/439	ECHO 7	£14.60
S/408	ECHO 8	£14.60
S/484	ECHO 9	£14.60
S/425	ECHO 11	£14.60
S/437	ECHO 12	£14.60
S/473	ECHO 13	£14.60
S/487	ECHO 14	£14.60
S/466	ECHO 15	£14.60
S/448	ECHO 16	£14.60
S/454	ECHO 17	£14.60
S/480	ECHO 18	£14.60
S/416	ECHO 19	£14.60
S/465	ECHO 20	£14.60
S/476	ECHO 21	£14.60
S/402	ECHO 22	£14.60
S/411	ECHO 23	£14.60
S/464	ECHO 24	£14.60
S/478	ECHO 25	£14.60
S/421	ECHO 26	£14.60
S/458	ECHO 27	£14.60
S/449	ECHO 28 (Rhinovirus 2060)	£14.60
S/543	ECHO 29	£14.60
S/571	ECHO 30	£14.60
S/594	ECHO 31	£14.60
S/444	ECHO 32	£14.60
S/657	ECHO 33	£14.60

Product No. NEUTRALISING SERA (2ml) cont.

S/629	Herpes simplex type 1	£14.60
S/672	Herpes simplex type 2	£14.60
S/412	Myxovirus parainfluenza 1	£14.60
S/529	Myxovirus parainfluenza 2	£14.60
S/422	Myxovirus parainfluenza 3	£14.60
S/530	Myxovirus parainfluenza 4	£14.60
S/441	Poliomyelitis 1	£14.60
S/456	Poliomyelitis 2	£14.60
S/472	Poliomyelitis 3	£14.60
S/459	Reovirus 1	£14.60
S/495	Reovirus 2	£14.60
S/414	Reovirus 3	£14.60
S/567	Respiratory syncytial virus	£14.60
S/585	Rhinovirus 353	£14.60
S/527	Rhinovirus 1734	£14.60
S/547	Rhinovirus 11757	£14.60
S/568	Rhinovirus 33342	£14.60

COMPLEMENT FIXING SERA (1ml)

The antigen and the antiserum are incubated overnight at 4°C. The haemolytic system is then added and the mixture incubated at 37°C for 90 minutes. The titration is then carried out. Complement fixing titre is given as the highest serum dilution which will fix 50% complement with the highest antigen dilution on a chessboard test.

Product No.

S/516	Adenovirus	£29.40
S/505	Coxsackie B1	£29.40
S/501	Coxsackie B2	£29.40
S/560	Coxsackie B3	£29.40
S/503	Coxsackie B4	£29.40
S/689	Coxsackie B5	£29.40
S/504	Coxsackie B6	£29.40
S/519	Coxsackie A1	£33.20
S/520	Coxsackie A2	£33.20
S/522	Coxsackie A3	£33.20
S/524	Coxsackie A4	£33.20
S/526	Coxsackie A5	£33.20
S/562	Coxsackie A6	£33.20
S/528	Coxsackie A7	£33.20
S/531	Coxsackie A8	£33.20
S/532	Coxsackie A9	£33.20
S/563	Coxsackie A10	£33.20
*S/534	Coxsackie A11	£43.20
*S/536	Coxsackie A12	£43.20
*S/537	Coxsackie A13	£43.20
*S/538	Coxsackie A14	£43.20
*S/541	Coxsackie A15	£43.20
*S/565	Coxsackie A16	£43.20
*S/545	Coxsackie A17	£43.20
*S/548	Coxsackie A18	£43.20
*S/549	Coxsackie A19	£43.20
*S/550	Coxsackie A20	£43.20
S/556	Coxsackie A21	£33.20
*S/552	Coxsackie A22	£43.20
*S/553	Coxsackie A24	£43.20

* Upon order – Minimum quantity 5 vials

Product No. COMPLEMENT FIXING SERA (1 ml) cont.

S/569	Cytomegalovirus	£29.50
S/502	Lymphocytic Choriomeningitis	£29.50
S/557	ECHO 2	£29.50
S/509	ECHO 4	£29.50
*S/506	ECHO 5	£29.50
S/559	ECHO 6	£29.50
S/508	ECHO 7	£29.50
S/507	ECHO 8	£29.50
S/572	ECHO 9	£29.50
S/514	ECHO 11	£29.50
S/566	ECHO 16	£29.50
S/510	ECHO 18	£29.50
S/511	ECHO 20	£29.50
*S/512	ECHO 21	£29.50
S/573	ECHO 28	£29.50
S/597	Q Fever	£29.50
S/654	Herpes simplex	£29.50
S/533	Influenza A	£29.50
S/575	Influenza B	£29.50
S/515	Mycoplasma pneumoniae	£29.50
S/554	Myxovirus parainfluenza 1	£29.50
S/574	Myxovirus parainfluenza 2	£29.50
S/535	Myxovirus parainfluenza 3	£29.50
S/542	Psittacosis	£29.50
*S/551	Mumps	£29.50
S/513	Poliomyelitis 1	£29.50
S/518	Poliomyelitis 2	£29.50
S/577	Poliomyelitis 3	£29.50
*S/564	Toxoplasma	£29.50

* Upon order – Minimum quantity 5 vials

DIAGNOSTIC SUSPENSIONS

Ismunit diagnostic suspensions for the serological diagnosis of infectious diseases consist of purified concentrated preparations of specific antigens.

Their use is based on the appearance of specific antibodies during the course of the infectious disease; a diagnosis can be obtained by means of these antibodies when a direct macroscopic agglutination reaction to the relevant antigen is demonstrated.

Product No.

SS/102	S. typhi	30 ml bottle	£3.70
SS/107	S. typhi antigen O	30 ml bottle	£3.70
SS/108	S. typhi antigen H	30 ml bottle	£3.70
SS/101	S. paratyphi A	30 ml bottle	£3.70
SS/105	S. paratyphi A antigen O	30 ml bottle	£3.70
SS/106	S. paratyphi A antigen H	30 ml bottle	£3.70
SS/100	S. paratyphi B	30 ml bottle	£3.70
SS/103	S. paratyphi B antigen O	30 ml bottle	£3.70
SS/104	S. paratyphi B. antigen H	30 ml bottle	£3.70
SS/109	Brucella	30 ml bottle	£3.70
SS/111	Listeria 1	30 ml bottle	£3.70
SS/112	Listeria 4b	30 ml bottle	£3.70

AGGLUTINOTEST

The Agglutintests employ basic immunological techniques and allow diagnostic problems to be solved quickly and accurately. The technique is extremely simple and by using dilutions of the test serum in a special buffer a quantitative evaluation can be performed. For a qualitative diagnosis however, only a single drop of undiluted serum is required. Sera should be tested within 48 hours of collection. If this is not possible, they should be frozen. Sera stored in this way retain their titre virtually unchanged for several years. The antigen must not be frozen and should be left for a few minutes at room temperature prior to use.

COMPLETE KITS (50 tests)

Each kit contains:

2ml Antigen

1ml Positive control serum

1ml Negative control serum

Buffer, for test sera dilution

Product No.

AGG/755	Bireuma	£16.50
AGG/810	Brucella	£15.30
AGG/820	C-Reactive Protein	£19.10
AGG/502	Gonorrhoea	£42.30
AGG/506	Listeria	£44.00
AGG/507	Pertussis	£22.80
AGG/750	Rheumatoid Arthritis	£10.50
AGG/705	Salmonella	£22.60
AGG/503	Staphylococci	£28.60
AGG/770	Syphilis	£12.70
AGG/504	Thyroglobulin	£28.00
AGG/505	Tuberculosis	£27.10

Tetra Kits. In addition to the above components, the Tetra Kits contain a 2ml vial of control antigen for confirmation of positive results

AGG/720	Echinococcosis (latex control antigen from sheep)	£38.10
AGG/730	Infectious Mononucleosis (control antigen – guinea pig kidney suspension)	£21.20
AGG/710	Toxoplasma (latex control antigen from mouse)	£38.10

The antigen and positive control sera contained in the kit are also available separately.

Product No.	AGGLUTINOTEST ANTIGENS (2ml – 50 tests)	
AGG/706	Bireuma human	£7.30
AGG/709	Bireuma rabbit	£10.10
AGG/703	Brucella	£10.50
AGG/752	C-Reactive Protein	£11.70
AGG/787	Echinococcosis	£23.80
AGG/609	Gonorrhoea	£31.30
AGG/738	Infectious Mononucleosis	£11.70
AGG/621	Listeria	£34.70
AGG/625	Pertussis	£14.40
AGG/774	Rheumatoid Arthritis	£7.30
AGG/714	Salmonella	£17.80
AGG/613	Staphylococci	£19.50
AGG/795	Syphilis	£7.10
AGG/605	Thyroglobulin	£18.10
AGG/734	Toxoplasma	£29.60
AGG/617	Tuberculosis	£19.50
AGG/900	Syphilis antigen for automated tests (50ml)	£40.20
AGGLUTINOTEST POSITIVE SERA (1ml)		
AGG/719	Bireuma	£8.00
AGG/718	Brucella	£8.00
AGG/785	C-Reactive Protein	£8.00
AGG/757	Echinococcosis	£8.00
AGG/606	Gonorrhoea	£8.00
AGG/725	Infectious Mononucleosis	£8.00
AGG/612	Listeria	£8.00
AGG/614	Pertussis	£8.00
AGG/777	Rheumatoid Arthritis	£8.00
AGG/721	Salmonella	£8.00
AGG/608	Staphylococci	£8.00
AGG/765	Syphilis	£8.00
AGG/604	Thyroglobulin	£8.00
AGG/745	Toxoplasma	£8.00
AGG/610	Tuberculosis	£8.00

PASSIVE HAEMAGGLUTINATION ASSAYS

Product No.

00901

TOXOPLASMA

£42.00

The Toxoplasma Agglutinitre Kit is standardised against the WHO reference serum and the results can be expressed in international units.

The sheep erythrocytes are sensitised with a total antigenic extract of *T. gondii* and this allows all stages of the disease to be detected.

The absorbing diluent allows test sera to be diluted and removes non specific agglutinating factors, in one step, without centrifugation.

00902

ECHINOCOCCOSIS

£42.00

The reagents in the Echinococcosis Agglutinitre kit are standardised against a WHO reference serum and the sheep erythrocytes are sensitised with an antigenic extract of fertile hydatid cysts from sheep infected with *E. granulosus*.

The absorbing diluent, which removes any non specific agglutinating factors, contains in buffered solution, erythrocyte membranes from ox and sheep, normal sheep serum and also cellular components from sheep leucocytes.

Kit Contents

Absorbing diluent	2 x 32 ml
Sensitised sheep erythrocytes (lyophilised)	3 x 1.6 ml
Unsensitised sheep erythrocytes (lyophilised)	1 x 1 ml
Reconstituting solution	1 x 10 ml
Positive control serum	1 x 1 ml

CLINICAL CHEMISTRY

Product No. UNISTEP KITS

07121	ALBUMIN	(160 tests)	£7.10
07122	Colorimetric method	(4 x 160 tests)	£24.00
07304	ALKALINE PHOSPHATASE	(10 x 5 tests)	£7.10
07324	Optimised kinetic method	(5 x 30 tests)	£33.00
07101	BETALIPOPROTEINS	(200 tests)	£9.40
07102	Turbidimetric method	(4 x 200 tests)	£33.50
07111	CHOLESTEROL	(200 tests)	£9.40
07112	Modified method of Liebermann-Burchard	(4 x 200 tests)	£33.50
07301	CHOLESTEROL (TOTAL)	(9 x 14 tests)	£29.50
07321	Enzymatic method	(6 x 100 tests)	£110.00
07303	GLUCOSE	(200 tests)	£5.60
07323	Enzymatic GOD-PAP	(6 x 200 tests)	£29.50
07131	TOTAL PROTEINS	(200 tests)	£7.50
07132	Biuret reaction	(4 x 200 tests)	£27.50

DISTEP KITS

07182	BILIRUBIN (Total)	(160 tests)	£12.80
07183	Modified method of Walters & Gerade	(4 x 160 tests)	£46.00
07181	BILIRUBIN (Total and Direct)	(140 tests)	£10.00
07201	CALCIUM	(160 tests)	£9.40
	Modified method of Stern and Lewis		
07302	CHOLINESTERASE	(60 tests)	£9.40
	Kinetic method		
07151	CREATININE	(120 tests)	£8.60
	Kinetic colorimetric method		
07211	IRON	(3 x 70 tests)	£13.90
	Without deproteinization		
07306	LACTATE DEHYDROGENASE	(4 x 7 tests)	£9.40
	U.V. method		
07221	PHOSPHOROUS	(160 tests)	£11.20
	Colorimetric method		
07141	TOTAL LIPIDS	(120 tests)	£12.60
07142	Turbidimetric method	(500 tests)	£45.00
07305	TRIGLYCERIDES	(5 x 15 tests)	£37.50
07309	Enzymatic method	(200 tests)	£93.00
07307	UREA	(400 tests)	£9.40
	Enzymatic method		
07161	URIC ACID	(100 tests)	£7.40
07162	Colorimetric method	(400 tests)	£25.50



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