

C O P Y

Federal Security Agency
U. S. PUBLIC HEALTH SERVICE
National Institute of Health
Bethesda 14, Maryland

Dr. Maycock

Biologics Control Laboratory

air mail

July 15, 1948

Doctor A.M. Fisher,
School of Hygiene Division
Connaught Medical Research Laboratories
University of Toronto
Toronto 5, Canada

Dear Doctor Fisher:

This is in reply to your letter of July 13, relative to the sterilization of plasma by ultraviolet irradiation.

At the present time the Michael Reese Research Foundation, Chicago, and the Hyland Laboratories, Los Angeles, are preparing irradiated plasma. The Sharp and Dohme Laboratories are about ready to begin the work and should be in distribution in the very near future. Obviously, since dried plasma has an expiration date of 5 years there may be in distribution un-irradiated plasma from these laboratories for some years to come.

I assume from your letter that you may have heard of the discussions at the recent meeting in Boston. At that time Doctor Stokes, of Philadelphia, presented clinical evidence which completely confirmed the previous observation of our Doctor Oliphant to the effect that ultraviolet irradiation of plasma destroys homologous serum jaundice virus. Under these circumstances, it is our plan to get the licensed manufacturers into production of ultraviolet sterilized plasma as quickly as possible. This becomes somewhat of a problem for the smaller laboratories since inexpensive and small ultraviolet equipment is not available at this time. It is hoped to have such equipment available in the near future.

We are revising a portion of our minimum requirements for unfiltered human plasma in order to cover this new situation. As soon as this revision is in final form copies will be sent you. Later the minimum requirements will be revised so as to recognize only the ultraviolet sterilized plasma.

With kind regards,

Very truly yours,
Sgd: M.V. Veldee

*The Gallium says
probably refers to trial
heavily completed when in U.S.A.*

M.V. Veldee, Chief
Biologics Control Laboratory
mvv-mgl 9 11 — 0 cases — irradiated
6 15 — 7 cases — hepatitis — not irradiated.
Symptoms.