31st October 1980

Our Ref: DRW/GC/SL

Dr. E. I. K. Evans, Consultant Haematologist, Royal Manchester Children's Hospital, University of Manchester School of Medicine, Pendlebury, Nr. Manchester, M27 1HA.

Dear Dr. Evans,

I feel most embarrassed that I have still not replied to your August 5th letter. I did try to reach ypu on the telephone several times but we never seemed to coincide in our offices.

Humanate is manufactured for us by Cutter Laboratories, so is identical to the product which we previously sold as their agent.

I will be grateful if you can keep this information confidential.

Incidentally, we have now had considerable successes with our new porcine factor VIII:C preparation, Hyate:C, It appears that we have completely removed the thrombocytopaenia activity and that other clinical side-effects are minimal. In over sixty transfusions, we have seen around five minor shivering episodes, which can be adequately covered with hydrocortisone and Piriton.

The thing which we did not expect, is that Hyate:C, in **eiderhe** cases so far, has not resulted in a rise in the pig antibody levels, even several weeks post treatment. Two of the cases treated have received multiple injections, at varying intervals, for different bleeding episodes. In no case has there been a problem, even in the most desperate life-threatening circumstances.

If you have an inhibitor problem, I will be very grateful if you can consider using this material.

Yours sincerely,

David R. Williams