

MRC

Medical Research Council
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Your reference

25th May, 1983

Our reference

Dr. Peter Foster,
P.F.C.,
Ellen's Glen Road,
EDINBURGH.

Dear Peter,

I enclose the FpA assay results on your last two batches of samples, and some highly significant data on NY760 and NY761. We have managed to set up a radioimmunoassay for FVIII:Ag, and as long as Brenda is able to prepare the tracer reproducibly - and she is fairly confident that she can - I foresee no problems in keeping it running. In this assay, serial dilutions of both your samples are parallel with dilutions of fresh-frozen plasma. Brenda has carried out the same experiment with the FVIII:Ag IRMA, with the same results, so it looks as though FVIII is not altered immunologically by any of the processes used to prepare either NY760 or NY761. However, the concentration of C:Ag in both samples is about 20-fold greater than that in fresh-frozen plasma, while the concentration of R:Ag is 500-fold greater. Did you already know this? Is it loss of C:Ag or breakdown of R:Ag to smaller multimers or both? There is little difference between the two samples in this respect, so the changes in ratio occur during preparation of NY760.

Data on the β -thromboglobulin content of the samples are enclosed; once again, no change in the protein configuration is detectable.

I look forward to discussing all this with you sometime.

All the best,



(Joan Dawes)

c.c. Dr. J.D. Cash
Dr. D.S. Pepper
Dr. C.V. Prowse

PROTEIN FRACTIONATION CENTRE	
Received: 27-5-83	
File No: EVIII Factor VIII - 2.167	
Refer to	Action taken
PEV	
Mu well	

