

IN REPLY REFER TO:  
IER:JES

Oak Ridge, Tennessee  
March 8, 1956

Dr. Franz K. Bauer  
Chief, Radioisotope Service  
Veterans Administration Center  
Wilshire and Sawtelle Boulevards  
Los Angeles 25, California

Subject: RADIOIRON

Dear Dr. Bauer:

Reference is made to your letter of January 19 concerning our quoted figure of 2.5 microcuries per kilogram of body weight of Iron 55 being too high as compared with 0.5 microcurie per kilogram of body weight of Iron 59 as quoted in our letter of April 22, 1955, addressed to Dr. Joseph F. Ross.

Our advisory medical committee feels, and this office concurs, that the dosage of 2.5 microcuries per kilogram of body weight of Fe 55 is perfectly reasonable as compared with a dosage of 0.5 microcurie per kilogram of body weight of Fe 59. In addition, our committee feels that it is permissible to use a dosage of 50 microcuries for Fe 59, but not to repeat this dosage three to four times.

If questions remain, we would be happy to consider them with the assistance of our advisory medical committee.

Very truly yours,

for: Lester E. Rogers  
Acting Chief, Allocations Branch  
Isotopes Extension  
Division of Civilian Application

Bowyer/jd/lg  
Isotopes  
3-8-56

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