

m muls/letter or m M pCi/gamma or mCi/m m m



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I wish you a Merry Christmas.

Dear Dr. Sokoloff

How are you?

I think I spent most exciting time in September since I returned to Japan. I really enjoyed your clear lecture so much. I would very much appreciate receiving a quick answer to my questions. Since I returned to Japan, I started to set up experimental room to measure Vmax and KT. I bought a Beckman glucose analyzer (This is very expensive in Japan!!) and microfuge. I set up glucose clamp technique again. In my hospital it is prohibited to use radioisotope to experimental animals. I got permission to use a RI experimental room in pharmaceutical company. I will start RI experiment coming January!! I want to show results and want your comment when you come to Japan next year. I am very much exciting now.

By the way, I want to ask question again.

According to your letter,

$$\text{PSMG} \times \underline{\text{Cp-MG}} = \text{VT-MG} - \text{PSMG} \times \text{KT-MG} \times (1 + \text{Cp-glu}/\text{KT-glc})$$

You said "All units must be in molecular concentrations of methylglucose and glucose." However, I will use radioactive methylglucose in



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defferent plasma glucose concentration. So that I have only data of
tracer concentration of methylglucose. How can I manage Cp-MG in this
equation? I am confusing. Would you answer to my question?

P.S. Recently I became assistant professor in my department
because I learned a lot in your laboratory.

Sincerely yours

Kentaro Mori