
RESUMENES TEMAS LIBRES

Se resalta la importancia del establecimiento de los intervalos de referencia para las hormonas T3, T4 y TSH con empleo de reactivos NETRIA y se presentan los resultados obtenidos para su discusión.

RES Nº41
MAGNETIC SEPARATOR OF LOW COST FOR USE IN
RADIOIMMUNOASSAY

Araújo, E.A. and Bartolini, P.
IPEN-CNEN/SP - BRAZIL - MEDICINE DIVISION

Utilizing permanent magnetic bars, we produced a separator for magnetic phase radioimmunoassay. Its performance was compared to one imported (MAGNETIC SEPARATOR, Code R-217 SCIPAC. Radiomunoassay standard curves were set up for hTSH using magnetic particles DAMP-R (Sheep Anti-Rabbit) from SERONO DIAGNOSTIC in the separation process of bound and free fractions.

Counts obtained for NSB, B0 and each standard dose (quadruplicate) in the two separation systems were compared by Student's t-test and no significant differences were detected ($p=0.05$).

Assay results were calculated with the Riakalk computer program and the following values were compared: NSB, B0, ED20, ED50, ED80, sensitivity and precision profile obtained with both separators. Results were of the same order for both systems.

We conclude that our separator has the same magnetic property as the imported, offering an economic advantage of about eighty percent.

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