

PIXE analysis of trace elements in blood cells and serum

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Abstract

In this paper we would like to describe the results of our study. The original test samples were picked out from surgical sufferers (mainly cancer) at Hirosaki University Hospital. We have detected K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Nb, Mo, I, Hg, Pt, Pb, Na, Mg, Al, Si, P, S and Cl.