

ABSTRACT

Microalbuminuria is a double antibody assay. These two antibodies are antihuman albumin in rabbit and antirabbit in goat. The first antibody is raised in 2 rabbit by injecting them with Freund's adjuvant complete and incomplete with saline drip and albumin. The 2nd antibody was raised in goat by injecting with Freund's adjuvant complete and incomplete with saline drip and rabbit IgG.

The bleeds of 2 rabbits and goat were collected and stored at -20°C and further tested by enzyme linked immunosorbent assay (ELISA). Then standards of albumin were prepared and were checked by Elisa. Different diabetic urine samples were collected from diabetic clinic Shaikh Zayed Hospital and tested by Elisa. At last the samples were also tested by Aventis pharma in diabetic clinic Sheikh Zayed Hospital Lahore. The results were compared with the results performed in RIA Lab. NHRC sheikh Zayed Hospital. Then results were checked for reliability.