

## **Point immunobinding assay and its application in serological diagnosis of infectious diseases**

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### **Abstract:**

Dot Immunobinding Assay (DIA) is a new solid phase immunoassay developed in recent years. It has the advantages of simplicity, rapidity, specificity and sensitivity. Since the first establishment of the point immunobinding assay in Hawkes et al in 1982, this technology has developed rapidly and has been widely used in basic experimental research such as immunochemical and monoclonal antibody screening of proteins, and has been used for viral diseases and bacterial infections. Serodiagnosis of infectious diseases such as fungal diseases and parasitic diseases.

**Key words:** Infectious disease serological diagnosis point immunological binding

### **Reference:**

Gandhi B.M. : A dot immunobinding assay (DIA) on nitrocellulose membrane for the serological detection of antibodies to *Entamoeba histolytica*, Transactions of the Royal Society of Tropical Medicine and Hygiene, Volume 80, Issue 6, 1986, Pages 883-885