

Human Brucella IgG ELISA Kit

Brucella IgG ELISA Kit

CATALOG #
AAA77727

REACTIVITY
Human

PRODUCT SYNONYMS

Brucella IgG; Brucella IgG ELISA Kit; Brucella IgG ELISA; Brucella IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Brucella IgG ELISA Kit is intended for the human serum or plasma
Intended Uses	The Brucella IgG ELISA Kit is intended for the detection of IgG antibody to Brucella in human serum or plasma. For research use only.
Preparation and Storage	Product should be stored at 2-8 degree C. Product is stable for 24 months from the date of manufacturing.

ADDITIONAL INFORMATION

Related Product Information for Brucella IgG elisa kit	Principle of the Assay: Diluted patient serum is added to wells coated with purified antigen. IgG specific antibody, if present, binds to the antigen. All unbound materials are washed away and the enzyme conjugate is added to bind to the antibody-antigen complex, if present. Excess enzyme conjugate is washed off and substrate is added. The plate is incubated to allow the hydrolysis of the substrate by the enzyme. The intensity of the color generated is proportional to the amount of IgG specific antibody in the sample. Intended Uses: Brucella IgG ELISA Kit is intended for the detection of IgG antibody to Brucella in human serum or plasma.
Product Categories/Family for Brucella IgG elisa kit	Infectious Disease
References	1. Gad El-Rab MO; Kambal AM. Evaluation of a Brucella enzyme immunoassay test (ELISA) in comparison with bacteriological culture and agglutination. J Infect 1998; 36(2):197-201. 2. Mikolon AB; Gardner IA; Hietala SK; Hernandez de Anda J; Chamizo Pestana E; Hennager SG; Edmondson AJ. Evaluation of North American antibody detection tests for diagnosis of brucellosis in goats. J Clin Microbiol 1998; 36(6):1716-22. 3. Bowden RA; Cloeckaert A; Zygmunt MS; Bernard S; Dubray G. Surface exposure of outer membrane protein and lipopolysaccharide epitopes in Brucella species studied by enzyme-linked immunosorbent assay and flow cytometry. Infect Immun 1995; 63(10):3945-52. 4. Baldi PC; Miguel SE; Fossati CA; Wallach JC. Serological follow-up of human brucellosis by measuring IgG antibodies to lipopolysaccharide and cytoplasmic proteins of Brucella species. Clin Infect Dis 1996;22(3):446-55 5. Casao MA; Leiva J; Diaz R; Gamazo C. Anti-phosphatidylcholine antibodies in patients with brucellosis. J Med Microbiol 1998; 47(1):49-54.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/brucella-igg/77727>