

Avian Immunoglobulin G (IgG) ELISA Kit | IgG elisa kit

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CATALOG #
AAA190353

REACTIVITY
Avian

PRODUCT SYNONYMS

Immunoglobulin G (IgG); Avian Immunoglobulin G (IgG) ELISA Kit; IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Avian
Specificity	This assay has high sensitivity and excellent specificity for detection of Avian IgG. No significant cross-reactivity or interference between Avian IgG and analogues was observed.
Samples	Serum, plasma and other biological fluids
Detection Range	15.6 ug/mL - 1000 ug/mL
Sensitivity	10.4 ug/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%

ADDITIONAL INFORMATION

Related Product Information for IgG elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with Avian IgG. Samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for Avian IgG and incubated. Then substrate solutions are added to each well. Only those wells that contain Avian IgG and enzyme-conjugated Avian IgG will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm.

Intended Uses: For the quantitative detection of Avian Immunoglobulin G (IgG) concentration in serum, plasma and other biological fluids.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/avian-elisa-kits/immunoglobulin-g-igg/190353>