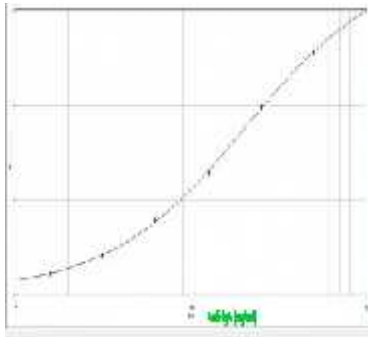


Dog IgA ELISA Kit, 96 tests, Cat # 400-180-DGA

The Dog IgA ELISA kit is a highly sensitive sandwich ELISA for the measurement of IgA in dog. Serum or plasma or other biological fluids. For in vitro research use only (RUO).



A typical std curve for anti-Dog IgA

ELISA Kit Features

- Purified anti-Dog IgA coated, stabilized, 96-well strip plate
- Dog IgA standards (31-1000 ng/ml)
- 100 ul samples (diluted 1:4000 or more)
- 70 min, 3 incubation steps at room temp
- Contains all necessary reagents. Stability ~12 months

For in vitro research use only.

Assay Procedure: Allow all reagents to reach room temperature. Arrange and label required number of strips.

- Step 1.** Pipet **100 ul each of standards**, and samples into the precoated coated wells. Cover and incubate at RT for **30 min**.
- Step 2.** Aspirate and wash 4X. Add **100ul Enzyme Antibody Conjugate** to all wells, mix gently, cover and incubate at RT for **30 min**.
- Step 3.** Aspirate and wash 4X. Add **100 ul of TMB Substrate** solution to all wells, mix gently, and incubate in dark at RT for **10 min**.
- Step 4.** Pipet **100 ul of stop solution** into each well and mix gently (blue color turns yellow). **Measure OD at A450 nm**.

Interpretation of Results

The mean values for the measured absorptions are calculated after subtraction of the blank values from the controls and standards.

General Information

Immunoglobulin A is one class of a group of immunoglobulin proteins known as antibodies. Different antibody types carry out specific functions. IgA (shorthand for Immunoglobulin A) is a class of antibodies that works to protect the surfaces of the body from the most immediate, superficial kind of invaders. The skin, along with the respiratory passages, digestive tract and exposed parts of the reproductive or urinary system are where most of the body's IgA are concentrated. Should the IgA class of antibodies falter, either in function or in numbers, the upshot is a compromised immune system prone to infections (chronic or episodic), allergies and/or other immune-mediated diseases.

When IgA is determined to be deficient in dogs, the condition may be diagnosed as "selective immunoglobulin A deficiency."

ADI's Dog IgA test kits are a highly sensitive two site enzyme linked immunoassay (ELISA) for measuring IgA in Dogs. Serum/plasma samples. Kits for detection of IgA in other species are also available.

Related ELISA kits

Catalog#	Product Description
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1020	Dog C-Reactive Protein (CRP) ELISA Kit, 96 tests, Quantitative
400-100-DGG	Dog IgG ELISA Kit, 96 tests, Quantitative
400-170-DGM	Dog IgM ELISA Kit, 96 tests, Quantitative
400-180-DGA	Dog IgA ELISA Kit, 96 tests, Quantitative
400-190-DGE	Dog IgE ELISA Kit, 96 tests, Quantitative
400-195-DGT	Dog Transferrin ELISA Kit, 96 tests, Quantitative
600-010-DRV	Dog Anti-Rabies Virus IgG ELISA Kit, 96 tests, Quantitative
600-110-DRV	Dog/Fox/Coyote Anti-Rabies Virus Glycoprotein (RVG) IgG ELISA Kit, 96 tests, Quantitative
600-210-DRV	Dog Anti-Rabies Virus Nucleoprotein (RV-NP) IgG ELISA Kit, 96 tests, Quantitative
600-380-CFP	Dog Cardiac Fatty acid binding protein (FABP) ELISA kit
600-400-CTN	Dog Cardiac Troponin-I (Tn-I) ELISA Kit
600-600-DMY	Dog Myoglobin ELISA Kit
6250-10	Dog Haptoglobin ELISA kit, 96 tests, Quantitative
400-180-DGA-Dog-IgA-ELISA-Flr	150409SV

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