

Guinea Pig ovalbumin specific IgG, OVA slgG ELISA Kit | OVA slgG elisa kit

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CATALOG #
AAA80116

REACTIVITY
Guinea Pig

PRODUCT SYNONYMS

ovalbumin specific IgG; OVA slgG; Guinea Pig ovalbumin specific IgG; OVA slgG ELISA Kit; Guinea pig ovalbumin specific IgG; OVA slgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

TYPICAL DATA		
Test parameter	specification	test result
Positive control	>0.8	1.081
Negative control	<0.2	0.177
Positive rate	10. Positive	100%
Negative rate	10. Negative	100%

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OVA slgG elisa kit

Introduction: Ovalbumin is the main protein found in egg white, making up 60-65% of the total protein. While Ovalbumin displays sequence and three-dimensional homology to the serpin superfamily, it is a noninhibitory serpin. While most serpins control such processes as fibrinolysis and coagulation by inhibiting serine proteases, the function of ovalbumin is unknown, although it is presumed to be a storage protein. Ovalbumin is an important protein in several different areas of research, one of the areas is immunology (commonly used to stimulate an allergic reaction in test subjects, e.g. established model allergen for airway hyper-responsiveness AHR).

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with purified OVA. Samples are then added to the appropriate microtiter plate wells and incubated. Then add Horseradish Peroxidase (HRP)-conjugated anti-guinea pig IgG to each well and incubate. Finally, a TMB (3,3',5, 5' tetramethyl-benzidine) substrate solution is added to each well. 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 +/- 2 nm. Calculate the valence of guinea pig OVA slgG in the samples.

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.