

Human ovalbumin ELISA Kit | OVA elisa kit

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CATALOG #
AAA247201

REACTIVITY
Human

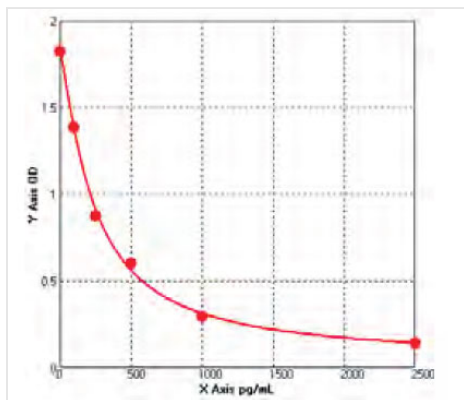
PRODUCT SYNONYMS

ovalbumin; Human ovalbumin ELISA Kit; OVA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OVA. No significant cross-reactivity or interference between OVA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between OVA and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	386
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OVA elisa kit	Intended Uses: This OVA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human OVA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: OVA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-OVA antibody and an OVA-HRP conjugate. The assay sample and buffer are incubated together with OVA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the OVA concentration since OVA from samples and OVA-HRP conjugate compete for the anti-OVA antibody binding site. Since the number of sites is limited, as more sites are occupied by OVA from the sample, fewer sites are left to bind OVA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OVA concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	906366229
NCBI GeneID	101801591
NCBI Accession #	NP_001298098.1
NCBI GenBank Nucleotide #	NM_001311169.1
NCBI Official Full Name	ovalbumin
NCBI Official Symbol	OVAL
NCBI Protein Information	ovalbumin

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.