

Rat sIgA ELISA Kit | sIgA elisa kit

Rat sIgA (Secretory Immunoglobulin A)ELISA Kit

CATALOG #
AAA21886

REACTIVITY
Rat

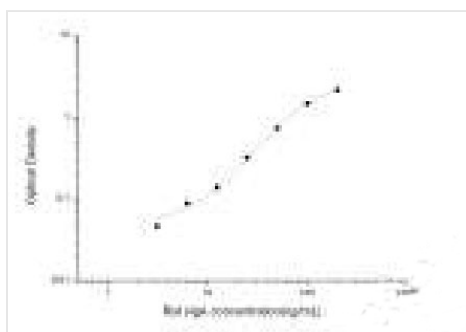
PRODUCT SYNONYMS

sIgA; Rat sIgA (Secretory Immunoglobulin A)ELISA Kit; sIgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat sIgA in samples. No significant cross-reactivity or interference between Rat sIgA and analogues was observed
Sequence Length	375
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	3.13-200 ng/mL
Sensitivity	1.88 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat sIgA were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat sIgA were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for slgA elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat slgA. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat slgA and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat slgA, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Rat slgA. You can calculate the concentration of Rat slgA in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat slgA concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	558881
Molecular Weight	43,740 Da
NCBI Official Full Name	SigA
UniProt Protein Name	RNA polymerase sigma factor SigA
UniProt Gene Name	sigA
UniProt Entry Name	Q59965_SYNP2

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.