Rat S100 Calcium-Binding Protein A6 ELISA Kit | S100A6 elisa kit

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CATALOG #	REACTIVITY
AAA100051	**Rat**

PRODUCT SYNONYMS

S100 Calcium-Binding Protein A6; Rat S100 Calcium-Binding Protein A6 ELISA Kit; S100A6/CACY/MLN 4/PRA/2A9/CABP/CACY/CACY5B10/Calcyclin/calcyclin/Growth factor-inducible protein 2A9/MLN 4/PRA/PRAS100 calcium binding protein A6 (calcyclin)/Prolactin receptor-associated protein/protein S100-A6/S100 calcium binding protein A6/S100 calcium-binding protein A6 (calcyclin); S100A6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	90
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A6 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat S100A6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat S100A6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat S100A6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat S100A6 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14334403
NCBI GeneID	6277
Molecular Weight	10,180 Da
NCBI Official Full Name	S100 calcium-binding protein A6

NCBI Official Synonym Full Names	S100 calcium binding protein A6
NCBI Official Symbol	S100A6
NCBI Official Synonym Symbols	2A9; PRA; 5B10; CABP; CACY
NCBI Protein Information	protein S100-A6
UniProt Protein Name	Protein S100-A6
UniProt Gene Name	**S100A6**
UniProt Synonym Gene Names	CACY; PRA
UniProt Entry Name	S10A6_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/s100a6-rat-elisa-kits/s100-calcium-binding-protein-a6/100051