

Rat S100 Calcium Binding Protein A11 ELISA Kit | S100A11 elisa kit

Rat S100 Calcium Binding Protein A11 ELISA Kit

CATALOG #
AAA100118

REACTIVITY
Rat

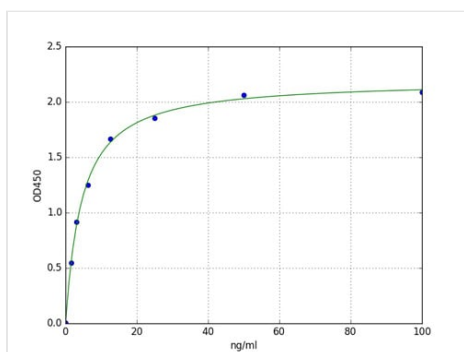
PRODUCT SYNONYMS

S100 Calcium Binding Protein A11; Rat S100 Calcium Binding Protein A11 ELISA Kit; S100A11/Calgizzarin/MLN70/S100C/calgizzarin/Calgizzarin/Metastatic lymph node gene 70 protein/MLN 70/MLN70/protein S100-A11/Protein S100-C/S100 calcium-binding protein A11 (calgizzarin)/S100C/S100CS100 calcium binding protein A11 (calgizzarin); S100A11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	105
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Rat S100A11 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.485	0.884	1.497	2.247	2.072	1.593	2.104

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A11 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat S100A11 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat S100A11 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 S100A11 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat S100A11 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15680066
NCBI GeneID	6282
Molecular Weight	11,740 Da
NCBI Official Full Name	S100 calcium binding protein A11
NCBI Official Synonym Full Names	S100 calcium binding protein A11
NCBI Official Symbol	S100A11
NCBI Official Synonym Symbols	MLN70; S100C; HEL-S-43
NCBI Protein Information	protein S100-A11
UniProt Protein Name	Protein S100-A11
UniProt Gene Name	S100A11
UniProt Synonym Gene Names	MLN70; S100C; MLN 70
UniProt Entry Name	S10AB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/s100a11-rat-elisa-kits/s100-calcium-binding-protein-a11/100118>