

Mouse Calreticulin-3 (CALR3) ELISA Kit | CALR3 elisa kit

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CATALOG #
AAA246358

REACTIVITY
Mouse

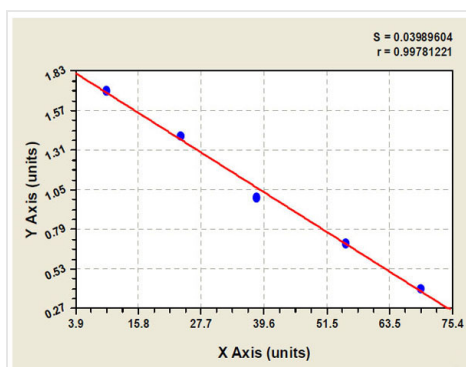
PRODUCT SYNONYMS

Calreticulin-3 (CALR3); Mouse Calreticulin-3 (CALR3) ELISA Kit; CALR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL.
Assay Type	Competitive
Intended Uses	This CALR3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CALR3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALR3 elisa kit

Principle of the Assay: CALR3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CALR3 antibody and an CALR3-HRP conjugate. The assay sample and buffer are incubated together with CALR3-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 CALR3 concentration since CALR3 from samples and CALR3-HRP conjugate compete for the anti-CALR3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CALR3 from the sample, fewer sites are left to bind CALR3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CALR3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CALR3 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	187608348
NCBI GeneID	125972
NCBI Accession #	NP_659483.2
NCBI GenBank Nucleotide #	NM_145046.4
Molecular Weight	44,996 Da
NCBI Official Full Name	calreticulin-3
NCBI Official Synonym Full Names	calreticulin 3
NCBI Official Symbol	CALR3
NCBI Official Synonym Symbols	CRT2; CT93; CMH19
NCBI Protein Information	calreticulin-3; calsperin; calreticulin-2; cancer/testis antigen 93
UniProt Protein Name	Calreticulin-3
UniProt Gene Name	CALR3
UniProt Synonym Gene Names	CRT2
UniProt Entry Name	CALR3_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://www.aaabiotech.com/mouse-elisa-kits/calreticulin-3-calr3/246358>