

Pig Calreticulin ELISA Kit | CALR elisa kit

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CATALOG #
AAA56142

REACTIVITY
Pig

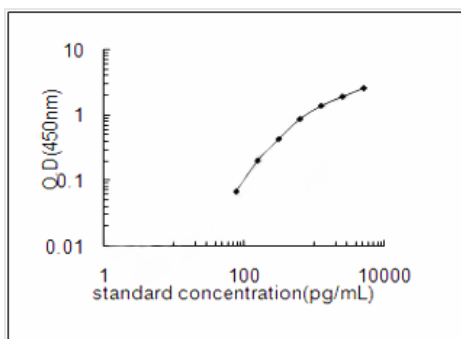
PRODUCT SYNONYMS

Calreticulin; Pig Calreticulin ELISA Kit; CALR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig Calreticulin. No significant cross-reactivity or interference was observed.
Sequence Length	417
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	78.0 pg/ml -5000 pg/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of pig Calreticulin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALR elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Calreticulin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Calreticulin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Calreticulin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Calreticulin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291622246
NCBI GeneID	100381266
NCBI Accession #	NP_001167604.1
NCBI GenBank Nucleotide #	NM_001174133.1
UniProt Accession #	P28491; D4N5N1
Molecular Weight	48,288 Da
NCBI Official Full Name	calreticulin
NCBI Official Symbol	CALR
NCBI Official Synonym Symbols	CRP55; ERp60; HACBP; Calregulin
NCBI Protein Information	calreticulin
UniProt Protein Name	Calreticulin
UniProt Gene Name	CALR
UniProt Synonym Gene Names	ERp60
UniProt Entry Name	CALR_PIG

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/calr-pig-elisa-kits/calreticulin/56142>