

Human Calretinin ELISA Kit | CR elisa kit

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CATALOG #
AAA86234

REACTIVITY
Human

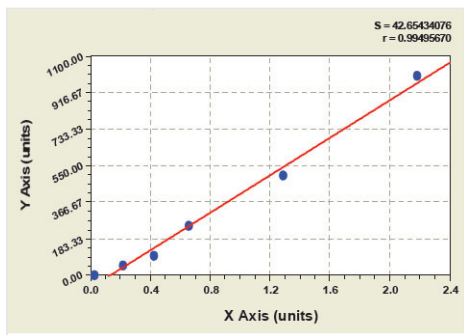
PRODUCT SYNONYMS

Calretinin; Human Calretinin ELISA Kit; CR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CR. 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 CR elisa kit

Principle of the Assay: CR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CR. Standards or samples are then added to the microtiter plate wells and CR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CR present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody specific for CR are added to each well to "sandwich" the CR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	825634
UniProt Accession #	P22676; Q53HD2; Q96BK4; A8K4Y1
Molecular Weight	31,540 Da
NCBI Official Full Name	calretinin, partial
UniProt Protein Name	Calretinin
UniProt Gene Name	CALB2
UniProt Synonym Gene Names	CAB29; CR
UniProt Entry Name	CALB2_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/cr-human-elisa-kits/calretinin/86234>