

Goat Calcyclin Binding Protein ELISA Kit | CACYBP elisa kit

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CATALOG #
AAA93302

REACTIVITY
Goat

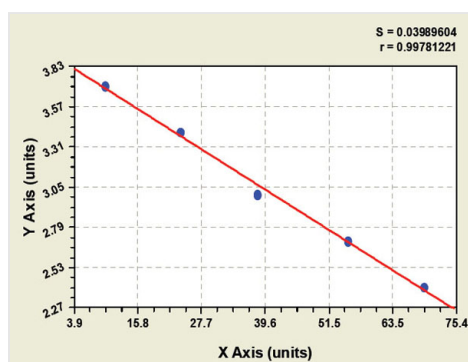
PRODUCT SYNONYMS

Calcyclin Binding Protein; Goat Calcyclin Binding Protein ELISA Kit; CACYBP elisa kit

PRODUCT SPECIFICATIONS

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

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

Product Categories/Family for CACYBP elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	60218913
NCBI GeneID	27101
NCBI Accession #	NP_001007215.1
NCBI GenBank Nucleotide #	NM_001007214.1
Molecular Weight	21,228 Da
NCBI Official Full Name	calcyclin-binding protein isoform 2
NCBI Official Synonym Full Names	calcyclin binding protein
NCBI Official Symbol	CACYBP
NCBI Official Synonym Symbols	SIP; GIG5; PNAS-107; S100A6BP
NCBI Protein Information	calcyclin-binding protein; hCacyBP; S100A6-binding protein; Siah-interacting protein (SIP); growth-inhibiting gene 5 protein
UniProt Protein Name	Calcyclin-binding protein
UniProt Gene Name	CACYBP
UniProt Synonym Gene Names	S100A6BP; SIP; PNAS-107; CacyBP; hCacyBP
UniProt Entry Name	CYBP_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/cacybp-goat-elisa-kits/calcyclin-binding-protein/93302>