

Monkey Adrenocortical Dysplasia Homolog ELISA Kit | ACD elisa kit

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CATALOG #
AAA96792

REACTIVITY
Monkey

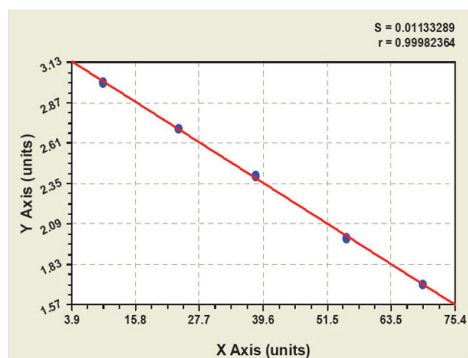
PRODUCT SYNONYMS

Adrenocortical Dysplasia Homolog; Monkey Adrenocortical Dysplasia Homolog ELISA Kit; ACD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACD elisa kit

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

Product Categories/Family for ACD elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	130979214
NCBI GeneID	65057
NCBI Accession #	NP_001075956.1
NCBI GenBank Nucleotide #	NM_001082487.1
Molecular Weight	57,393 Da
NCBI Official Full Name	adrenocortical dysplasia protein homolog isoform 3
NCBI Official Synonym Full Names	adrenocortical dysplasia homolog (mouse)
NCBI Official Symbol	ACD
NCBI Official Synonym Symbols	PIP1; PTOP; TPP1; TINT1
NCBI Protein Information	adrenocortical dysplasia protein homolog; TIN2 interacting protein 1; POT1 and TIN2 organizing protein; POT1 and TIN2-interacting protein
UniProt Protein Name	Adrenocortical dysplasia protein homolog
UniProt Gene Name	ACD
UniProt Synonym Gene Names	PIP1; PTOP; TINT1; TPP1
UniProt Entry Name	ACD_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/acd-monkey-elisa-kits/adrenocortical-dysplasia-homolog/96792>