

Human CALCOCO2 (Calcium-binding and coiled-coil domain-containing protein 2) ELISA Kit | CALCOCO2 elisa kit

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CATALOG #
AAA249705

REACTIVITY
Human

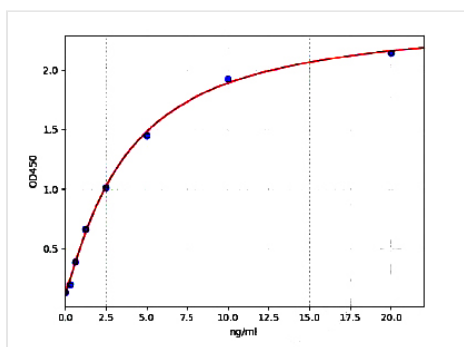
PRODUCT SYNONYMS

CALCOCO2 (Calcium-binding and coiled-coil domain-containing protein 2); Human CALCOCO2 (Calcium-binding and coiled-coil domain-containing protein 2) ELISA Kit; Calcium-binding and coiled-coil domain-containing protein 2; Antigen nuclear dot 52 kDa protein; Nuclear domain 10 protein NDP52; Nuclear domain 10 protein 52; Nuclear dot protein 52; CALCOCO2; NDP52; CALCOCO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CALCOCO2. No significant cross-reactivity or interference between CALCOCO2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALCOCO2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386869290
NCBI GeneID	10241
NCBI Accession #	NP_001248319
NCBI GenBank Nucleotide #	NM_005831
UniProt Accession #	Q13137; Q53FQ5; Q53HB5; Q6IBN9; B2RBT0; B4DDC4; B4DDT4; B4DP36; B4E0C0; E7ENK0; E7ETP5; E9PBE5
Molecular Weight	43,669 Da
NCBI Official Full Name	calcium-binding and coiled-coil domain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	calcium binding and coiled-coil domain 2
NCBI Official Symbol	CALCOCO2
NCBI Official Synonym Symbols	NDP52
NCBI Protein Information	calcium-binding and coiled-coil domain-containing protein 2; antigen nuclear dot 52 kDa protein; nuclear domain 10 protein 52; nuclear domain 10 protein NDP52; nuclear dot protein 52
UniProt Protein Name	Calcium-binding and coiled-coil domain-containing protein 2
UniProt Gene Name	CALCOCO2
UniProt Synonym Gene Names	NDP52; Nuclear domain 10 protein 52
UniProt Entry Name	CACO2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/calcoco2-calcium-binding-and-coiled-coil-domain-containing-protein-2/249705>