

Human Cortactin (CTTN) ELISA Kit | CTTN elisa kit

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CATALOG #
AAA245870

REACTIVITY
Human

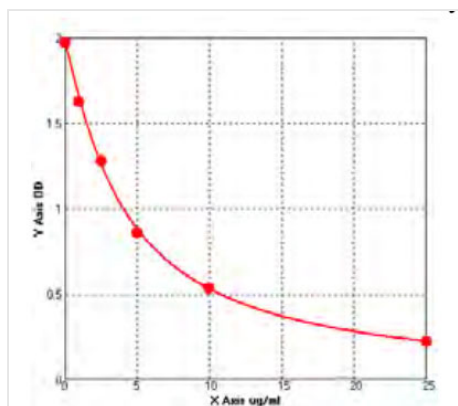
PRODUCT SYNONYMS

Cortactin (CTTN); Human Cortactin (CTTN) ELISA Kit; CTTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CTTN. No significant cross-reactivity or interference between CTTN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CTTN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTTN elisa kit	Principle of the Assay: CTTN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CTTN antibody and an CTTN-HRP conjugate. The assay sample and buffer are incubated together with CTTN-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 CTTN concentration since CTTN from samples and CTTN-HRP conjugate compete for the anti-CTTN antibody binding site. Since the number of sites is limited, as more sites are occupied by CTTN from the sample, fewer sites are left to bind CTTN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CTTN concentration in each sample is interpolated from this standard curve. Intended Uses: This CTTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CTTN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CTTN elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21707902
NCBI GeneID	2017
Molecular Weight	57,467 Da
NCBI Official Full Name	CTTN protein
NCBI Official Synonym Full Names	cortactin
NCBI Official Symbol	CTTN
NCBI Official Synonym Symbols	EMS1
NCBI Protein Information	src substrate cortactin; amplaxin; 1110020L01Rik; oncogene EMS1; ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate)
UniProt Protein Name	Src substrate cortactin
UniProt Gene Name	CTTN
UniProt Synonym Gene Names	EMS1
UniProt Entry Name	SRC8_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/human-elisa-kits/cortactin-cttn/245870>