

Human Cisplatin Resistance Associated Overexpressed Protein ELISA Kit | CROP elisa kit

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CATALOG #
AAA84865

REACTIVITY
Human

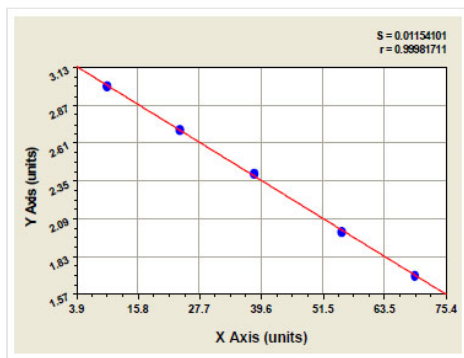
PRODUCT SYNONYMS

Cisplatin Resistance Associated Overexpressed Protein; Human Cisplatin Resistance Associated Overexpressed Protein ELISA Kit; CROP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CROP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CROP. 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 CROP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	33877365
NCBI GeneID	51747
Molecular Weight	9,194 Da
NCBI Official Full Name	CROP protein, partial
NCBI Official Synonym Full Names	LUC7-like 3 (S. cerevisiae)
NCBI Official Symbol	LUC7L3
NCBI Official Synonym Symbols	CRA; CROP; LUC7A; hLuc7A; CREAP-1; OA48-18
NCBI Protein Information	luc7-like protein 3; CRE-associated protein 1; cAMP regulatory element-associated protein 1; okadaic acid-inducible phosphoprotein OA48-18; cisplatin resistance associated overexpressed protein; cisplatin resistance-associated overexpressed protein; cisplatin resistance-associated-overexpressed protein
UniProt Protein Name	Luc7-like protein 3
UniProt Gene Name	LUC7L3
UniProt Synonym Gene Names	CREAP1; CROP; O48; CRE-associated protein 1; CREAP-1
UniProt Entry Name	LC7L3_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/crop-human-elisa-kits/cisplatin-resistance-associated-overexpressed-protein/84865>