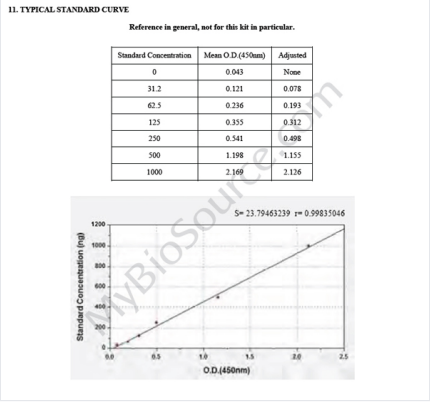
Cisplatin Resistance Associated Overexpressed (CROP) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Cisplatin Resistance Associated Overexpressed Protein (CROP), ELISA Kit
Full Product Name	Human Cisplatin Resistance Associated Overexpressed Protein ELISA Kit
Product Gene Name	CROP elisa kit
Species Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Tissue Homogenate, Urine and other Body Fluids
Detection Range	31.2 - 1000 ng/ml.
Preparation and Storage	Store all reagents at 2-8 degree C
Intended Uses	This ELISA kit is intended for laboratory in vitro research use only, not for drug, household or other use! The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm by a spectrophotometer. In order to measure the concentration of Human CROP in the specimen, this ELISA kit includes a set of calibration standards. The calibration standards are assayed at the same time as the specimens and allow the operator to produce a standard curve of Optical Density versus Human CROP concentration. The concentration of Human CROP in the specimens is then determined by comparing the O.D. of the specimens to the standard curve.
Related Product Information for CROP elisa kit	**Background:** ELISA is a simple and highly sensitive method of analysis that allows for simultaneous and rapid quantification of a large number of specimens. The assay is based on the specific recognition of the target compound (analyte/antigen) by antibodies which bind to the compound. The antigen-antibody complex is detected and measured with the aid of an enzyme-labeled antibody or antigen. Upon addition of a non-colored reagent, the enzyme produces a color reaction where the color intensity is directly or inversely proportional to the concentration of the analyte in the specimen.
Other Notes	Small volumes of CROP elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CROP purchase	MBS010032 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cisplatin Resistance Associated Overexpressed Protein (CROP) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CROP. The ELISA analytical biochemical technique of the MBS010032 kit is based on CROP antibody-CROP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CROP antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CROP. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of CROP elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CROP. It may not necessarily be applicable to this product.

Protein Family	Luc7-like protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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