

General Cr ELISA Kit | Cr elisa kit

Cr (creatinine) ELISA Kit

CATALOG #
AAA21984

REACTIVITY
General

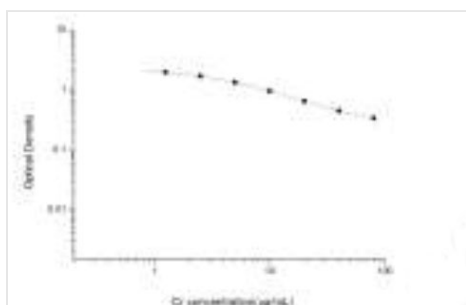
PRODUCT SYNONYMS

Cr; Cr (creatinine) ELISA Kit; Cr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes Cr in samples. No significant cross-reactivity or interference between Cr and analogues was observed
Sequence Length	271
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	1.25-80 ug/mL
Sensitivity	0.75 ug/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Cr were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Cr were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cr elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Cr. During the reaction, Cr in samples or Standard competes with a fixed amount of Cr on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Cr. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of Cr in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Cr concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109940061
NCBI GeneID	794
Molecular Weight	31,540 Da
NCBI Official Full Name	Calretinin
NCBI Official Synonym Full Names	calbindin 2
NCBI Official Symbol	CALB2
NCBI Official Synonym Symbols	CR; CAL2; CAB29
NCBI Protein Information	calretinin; 29 kDa calbindin; calbindin 2, (29kD, calretinin); calbindin D29K
UniProt Protein Name	Calretinin
UniProt Gene Name	CALB2
UniProt Synonym Gene Names	CAB29; CR
UniProt Entry Name	CALB2_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.