

Human Histidine Rich Calcium Binding Protein (HRC) ELISA Kit | HRC elisa kit

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CATALOG #
AAA64004

REACTIVITY
Human

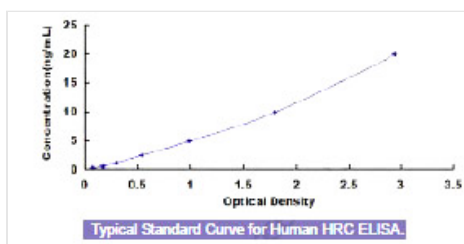
PRODUCT SYNONYMS

Histidine Rich Calcium Binding Protein (HRC); Human Histidine Rich Calcium Binding Protein (HRC) ELISA Kit; HRC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HRC. No significant cross-reactivity or interference between HRC and analogues was observed.
Sequence Length	699
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.123ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HRC were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HRC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HRC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HRC in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HRC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HRC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HRC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HRC in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504487
NCBI GeneID	3270
NCBI Accession #	NP_002143.1
NCBI GenBank Nucleotide #	NM_002152.2
UniProt Accession #	P23327; Q504Y6
Molecular Weight	80,244 Da
NCBI Official Full Name	sarcoplasmic reticulum histidine-rich calcium-binding protein
NCBI Official Synonym Full Names	histidine rich calcium binding protein
NCBI Official Symbol	HRC
NCBI Protein Information	sarcoplasmic reticulum histidine-rich calcium-binding protein
UniProt Protein Name	Sarcoplasmic reticulum histidine-rich calcium-binding protein
UniProt Gene Name	HRC
UniProt Synonym Gene Names	HCP

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/histidine-rich-calcium-binding-protein-hrc/64004>