

Human keratin 23 (histone deacetylase inducible) ELISA Kit | KRT23 elisa kit

Human Keratin, type I cytoskeletal 23, KRT23 ELISA Kit

CATALOG #
AAA112542

REACTIVITY
Human

PRODUCT SYNONYMS

keratin 23 (histone deacetylase inducible); Human Keratin; type I cytoskeletal 23; KRT23 ELISA Kit; type I cytoskeletal 23 (KRT23) ELISA kit; CK23; DKFZp434G032; HAIK1; K23; MGC26158; cytokeratin 23; histone deacetylase inducible keratin 23; hyperacetylation-inducible type I keratin; keratin 23; keratin; type I intermed; KRT23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human KRAS. No significant cross-reactivity or interference between human KRAS and analogues was observed.
Sequence Length	422
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	5.8 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT23 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KRAS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KRAS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KRAS is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of KRAS bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894339
NCBI GeneID	25984
NCBI Accession #	NP_056330.3
NCBI GenBank Nucleotide #	NM_015515.4
UniProt Accession #	Q9C075; Q9NUR6; A8K084; B7Z7J2; I3L3Q6
Molecular Weight	48,131 Da
NCBI Official Full Name	keratin, type I cytoskeletal 23 isoform 1
NCBI Official Synonym Full Names	keratin 23 (histone deacetylase inducible)
NCBI Official Symbol	KRT23
NCBI Official Synonym Symbols	K23; CK23; HAIK1
NCBI Protein Information	keratin, type I cytoskeletal 23; CK-23; keratin-23; cytokeratin 23; cytokeratin-23; histone deacetylase inducible keratin 23; type I intermediate filament cytokeratin; hyperacetylation-inducible type I keratin
UniProt Protein Name	Keratin, type I cytoskeletal 23
UniProt Gene Name	KRT23
UniProt Synonym Gene Names	CK-23; K23
UniProt Entry Name	K1C23_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/krt23-human-elisa-kits/keratin-23-histone-deacetylase-inducible/112542>