

Human Keratin 81 (KRT81) RTU ELISA Kit | KRT81 rtu elisa kit

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CATALOG #
AAA216702

REACTIVITY
Human

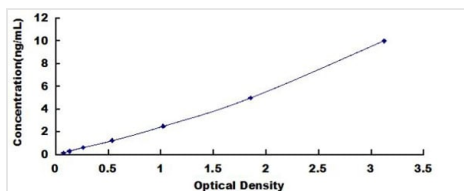
PRODUCT SYNONYMS

Keratin 81 (KRT81); Human Keratin 81 (KRT81) ELISA Kit; KRTHB1; Hb-1; K81; MLN137; Keratin; Hair; Basic 1; Hard Keratin Type II 1; type II cuticular Hb1; Metastatic lymph node 137 gene protein; KRT81 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	505
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT81 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to KRT81. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to KRT81. 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 KRT81, 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 $\pm$ 10nm. The concentration of KRT81 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169790853
NCBI GeneID	3887
NCBI Accession #	NP_002272.2
NCBI GenBank Nucleotide #	NM_002281.3
UniProt Accession #	Q14533; Q14846; Q16274; Q17R48; Q8WU52; Q9BR74
Molecular Weight	54,928 Da
NCBI Official Full Name	keratin, type II cuticular Hb1
NCBI Official Synonym Full Names	keratin 81
NCBI Official Symbol	KRT81
NCBI Official Synonym Symbols	HB1; Hb-1; KRTHB1; MLN137; ghHkb1; hHAKB2-1
NCBI Protein Information	keratin, type II cuticular Hb1
UniProt Protein Name	Keratin, type II cuticular Hb1
UniProt Gene Name	KRT81
UniProt Synonym Gene Names	KRTHB1; MLN137; K81; MLN 137; ghHb1

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-rtu-elisa-kits/keratin-81-krt81/216702>