KRT37/38 ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	KRT37/38, ELISA Kit
Full Product Name	KRT37/38 Colorimetric Cell-Based ELISA Kit
Product Gene Name	KRT37/38 elisa kit
Product Synonym Gene Name	KRT37; KRT38
Product Synonym Names	Keratin type I cuticular Ha7; Hair keratin type I Ha7; Keratin-37; K37; KRT37; HHA7; HKA7; KRTHA7; Keratin type I cuticular Ha8; Hair keratin type I Ha8; Keratin-38; KRT38; HHA8; HKA8; KRTHA8
Species Reactivity	Human
Assay Type	Non-Phospho Cell-Based ELISA
Samples	Researchers plate their cell line of choice
Sensitivity	>=5000 cells/well
Form/Format	One 96-Well Plate
Preparation and Storage	Store at 4 degree C.
Molecular Weight	50490
OMIM	Y16793 Genomic DNA
3D Structure	ModBase 3D Structure for O76014
Detection Method	Colorimetric 450 nm
Product Categories/Family for KRT37/38 elisa kit	Cell Based ELISA Kit
Related Product Information for KRT37/38 elisa kit	MBS9500348 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the KRT37/38, 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 KRT37/38. The ELISA analytical biochemical technique of the MBS9500348 kit is based on KRT37/38 antibody-KRT37/38 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect KRT37/38 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, KRT37/38. 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(%).
Other Notes	Small volumes of KRT37/38 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KRT37/38. It may not necessarily be applicable to this product.

NCBI GI #	55770882
NCBI GeneID	8688
NCBI Accession #	NP_003761.3
UniProt Primary Accession #	O76014
UniProt Secondary Accession #	O76015

UniProt Related Accession #	O76014
GenBank Nucleotide #	NM_003770.4
NCBI Official Full Name	keratin, type I cuticular Ha7
NCBI Official Synonym Full Names	keratin 37
NCBI Official Symbol	KRT37
NCBI Official Synonym Symbols	HA7; K37; KRTHA7
UniProt Protein Name	Keratin, type I cuticular Ha7
UniProt Synonym Protein Names	Hair keratin, type I Ha7; Keratin-37; K37
UniProt Gene Name	KRT37
UniProt Synonym Gene Names	HHA7; HKA7; KRTHA7; K37
NCBI Protein Information	keratin, type I cuticular Ha7
NCBI Summary for KRT37/38	The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008]
UniProt Comments for KRT37/38	KRTHA7: is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008] Protein type: Cytoskeletal; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 17q21.2 Cellular Component: cytosol; intermediate filament Molecular Function: structural molecule activity Biological Process: keratinization
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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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