

Human KRT10 (Keratin, Type I Cytoskeletal 10) CLIA Kit | KRT10 clia kit

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CATALOG #
AAA171353

REACTIVITY
Human

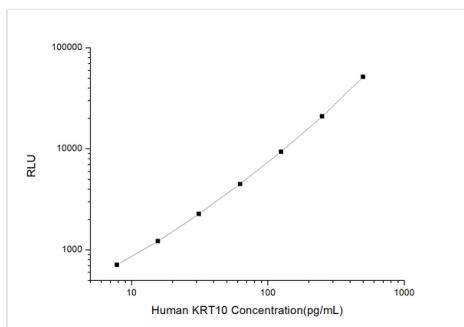
PRODUCT SYNONYMS

KRT10 (Keratin; Type I Cytoskeletal 10); Human KRT10 (Keratin; Type I Cytoskeletal 10) CLIA Kit; CK10; K10; Cytokeratin-10; Keratin-10; EHK; KPP; BCIE; BIE; KRT10 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant KRT10. No significant cross-reactivity or interference between KRT10 and analogues was observed.
Sequence Length	584
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT10 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of KRT10 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to KRT10. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for KRT10 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain KRT10, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of KRT10. You can calculate the concentration of KRT10 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972866
NCBI GeneID	3858
NCBI Accession #	NP_000412.3
NCBI GenBank Nucleotide #	NM_000421.3
Molecular Weight	58,827 Da
NCBI Official Full Name	keratin, type I cytoskeletal 10
NCBI Official Synonym Full Names	keratin 10, type I
NCBI Official Symbol	KRT10
NCBI Official Synonym Symbols	BIE; EHK; K10; KPP; BCIE; CK10
NCBI Protein Information	keratin, type I cytoskeletal 10
UniProt Protein Name	Keratin, type I cytoskeletal 10
UniProt Gene Name	KRT10
UniProt Synonym Gene Names	KPP; CK-10; K10
UniProt Entry Name	K1C10_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/krt10-keratin-type-i-cytoskeletal-10/171353>