

Human COL8alpha1 (Collagen Type VIII Alpha 1) CLIA Kit | COL8a1 clia kit

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CATALOG #
AAA171290

REACTIVITY
Human

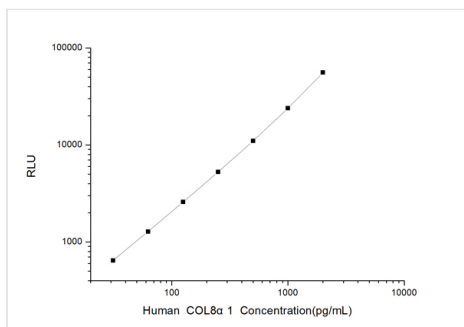
PRODUCT SYNONYMS

COL8alpha1 (Collagen Type VIII Alpha 1); Human COL8alpha1 (Collagen Type VIII Alpha 1) CLIA Kit; Human COL8a1 (Collagen Type VIII Alpha 1) CLIA Kit; Human COL8a1; COL8a1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant COL8alpha1. No significant cross-reactivity or interference between COL8alpha1 and analogues was observed.
Sequence Length	744
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL8a1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of COL8alpha1 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 COL8alpha1. 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 COL8alpha1 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 COL8alpha1, 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 COL8alpha1. You can calculate the concentration of COL8alpha1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15488904
NCBI GeneID	1295
Molecular Weight	73,364 Da
NCBI Official Full Name	Collagen, type VIII, alpha 1
NCBI Official Synonym Full Names	collagen, type VIII, alpha 1
NCBI Official Symbol	COL8A1
NCBI Official Synonym Symbols	C3orf7
NCBI Protein Information	collagen alpha-1(VIII) chain
UniProt Protein Name	Collagen alpha-1(VIII) chain
UniProt Gene Name	COL8A1
UniProt Synonym Gene Names	C3orf7
UniProt Entry Name	CO8A1_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://www.aaabiotech.com/col8a1-human-clia-kits/col8alpha1-collagen-type-viii-alpha-1/171290>