

Rat COL4alpha1 (Collagen Type IV Alpha 1) CLIA Kit | COL4a1 clia kit

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CATALOG #
AAA171378

REACTIVITY
Rat

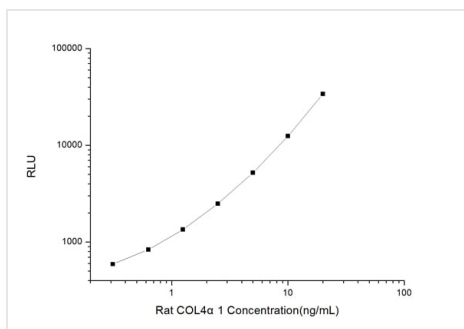
PRODUCT SYNONYMS

COL4alpha1 (Collagen Type IV Alpha 1); Rat COL4alpha1 (Collagen Type IV Alpha 1) CLIA Kit; COL4A1; ICH; POREN1; Arresten; Rat COL4a1 (Collagen Type IV Alpha 1) CLIA Kit; Rat COL4a1; COL4a1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant COL4alpha1. No significant cross-reactivity or interference between COL4alpha1 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL4a1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of COL4alpha1 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 COL4alpha1. 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 COL4alpha1 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 COL4alpha1, 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 COL4alpha1. You can calculate the concentration of COL4alpha1 in the samples by comparing the RLU value of the samples to the standard curve.

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.

