

Human CHI3L1 (Chitinase-3-Like Protein 1) ELISA Kit | CHI3L1 elisa kit

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CATALOG #
AAA277986

REACTIVITY
Human

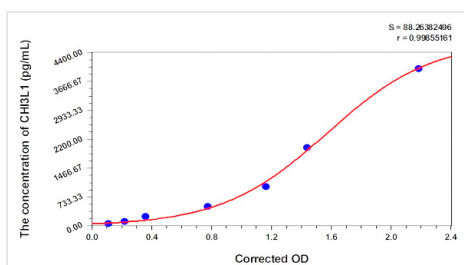
PRODUCT SYNONYMS

CHI3L1 (Chitinase-3-Like Protein 1); Human CHI3L1 (Chitinase-3-Like Protein 1) ELISA Kit; YKL-40; Chondrocyte protein 40; CHI3L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Detection Range	0.78-50ng/mL
Sensitivity	0.18ng/mL

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CHI3L1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CHI3L1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CHI3L1. 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 Human CHI3L1, 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 +/- 10nm. The concentration of Human CHI3L1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CHI3L1 elisa kit

[Metabolic pathway](#)

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.