

Human carbohydrate antigen 5 ELISA Kit | CA50 elisa kit

Human carbohydrate antigen 50, CA50 ELISA Kit

CATALOG #
AAA113104

REACTIVITY
Human

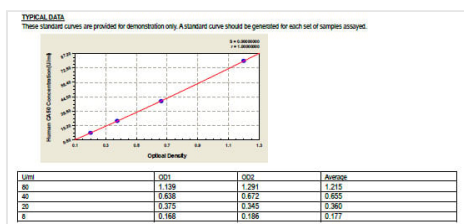
PRODUCT SYNONYMS

carbohydrate antigen 5; Human carbohydrate antigen 50; CA50 ELISA Kit; Human carbohydrate antigen 50 (CA50) ELISA Kit; Human carbohydrate antigen 50 (CA50); CA50 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CA50. No significant cross-reactivity or interference between human CA50 and analogues was observed.
Samples	Serum, plasma, cell culture supernates, ascitic scitic scitic fluidfluidfluidfluid, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	8 U/ml -80 U/ml.
Sensitivity	The minimum detectable dose of human CA50 is typically less than 2.5 U/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest human CA50 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<20%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CA50 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with antibody specific for CA50. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for CA50 and incubated. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CA50 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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/ca50-human-elisa-kits/carbohydrate-antigen-5/113104>