

Human 1,5-anhydroglucitol ELISA Kit | 1,5-AG elisa kit

Human 1,5-anhydroglucitol (1,5-AG) ELISA Kit

CATALOG #
AAA55436

REACTIVITY
Human

PRODUCT SYNONYMS

1; 5-anhydroglucitol; Human 1; 5-anhydroglucitol (1; 5-AG) ELISA Kit; 5-AG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human 1,5-AG. No significant cross-reactivity or interference between Human 1,5-AG and analogues was observed.
Samples	serum, plasma and other biological fluids
Detection Range	40 nmol/mL - 500 nmol/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for 1,5-AG elisa kit

Intended Uses: For the quantitative detection of Human 1,5-anhydroglucitol (1,5-AG) concentration in serum, plasma and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to 1,5-AG. Standards or samples are then added to the appropriate microtiter plate wells with a HRP-conjugated antibody preparation specific for 1,5-AG and incubated. Then substrate solution is added to each well. Only those wells that contain 1,5-AG and HRP-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of 1,5-AG in the samples is then determined by comparing the O.D. 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.

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Online datasheet: <https://www.aaabiotech.com/15-ag-human-elisa-kits/15-anhydroglucitol/55436>