

Human Arachidonic Acid, AA ELISA Kit | AA elisa kit

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CATALOG #
AAA309834

REACTIVITY
Human

PRODUCT SYNONYMS

Arachidonic Acid; AA; Human Arachidonic Acid; AA ELISA Kit; AA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AA. No significant crossreactivity or interference between human AA and analogues was observed.
Assay Type	Competitive
Detection Range	78.125 ng/ml-5000 ng/ml
Sensitivity	< 69.748 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Store at 4 degree C

ADDITIONAL INFORMATION

Related Product Information for AA elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to AA. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated AA. The competitive inhibition reaction is launched between with HRP-conjugated AA and AA in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of AA in the sample. 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://www.aaabiotech.com/human-elisa-kits/arachidonic-acid-aa/309834>