

Aflibercept ELISA Kit

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CATALOG #
AAA14223

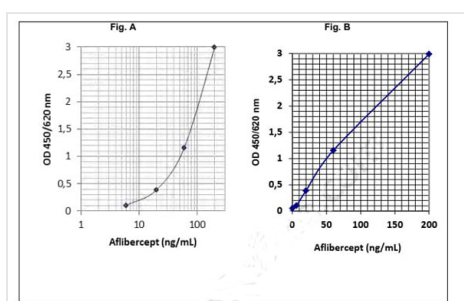
PRODUCT SYNONYMS

Aflibercept; Aflibercept ELISA Kit; Eylea; Zaltrap; Aflibercept elisa kit

PRODUCT SPECIFICATIONS

Specificity	There is no cross reaction with any other proteins present in native human serum. A screening test was performed with 48 different native human sera. All produced OD450/620 nm values less than the mean OD of standard D. No cross reaction was observed with the other therapeutic antibodies tested (Tocilizumab, Cetuximab, Etanercept, Infliximab, Rituximab and Trastuzumab) at concentrations up to 2 mg/mL. However, Bevacizumab resulted in full crossreaction as expected. Ranibizumab, another anti-VEGF therapeutic antibody consisted of Fab fragment only, produced a mean OD less than the mean OD of standard D.
Assay Type	Sandwich
Samples	Serum and plasma
Sensitivity	5 ng/mL
Intra-assay Precision	<10%.
Inter-assay Precision	<10%.
Preparation and Storage	The kit is shipped at ambient temperature and should be stored at 2-8 degree C. Keep away from heat or direct sun light. The storage and stability of specimen and prepared reagents is stated in the corresponding chapters. The microtiter strips are stable up to the expiry date of the kit in the broken, but tightly closed bag when stored at 2–8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Aflibercept elisa kit	Principle of the Assay: This ELISA assay is based on sandwich type ELISA. Diluted standards and samples (serum or plasma) are incubated in the microtiter plate coated with recombinant human vascular endothelial growth factor-A (rhVEGF-A). After incubation, the wells are washed. A horseradish peroxidase (HRP)conjugated anti-human IgG monoclonal antibody is added and binds to the Fc part of Aflibercept pre-captured by the rhVEGF-A on the surface of the wells. Following incubation, the wells are washed, and the bound enzymatic activity is detected by addition of chromogen-substrate. The color developed is proportional to the amount of Aflibercept in the sample or standard. Results of samples can be determined by using the standard curve. Intended Uses: Enzyme immunoassay for the determination of free Aflibercept in serum and plasma.
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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/elisa-kits/aflibercept/14223>