

CA19-9 (CarbohydMousee Antigen 19-9) ELISA Kit | CA19-9 elisa kit

Mouse CA19-9 (CarbohydMousee Antigen 19-9) ELISA Kit

CATALOG #
AAA277425

REACTIVITY
Mouse

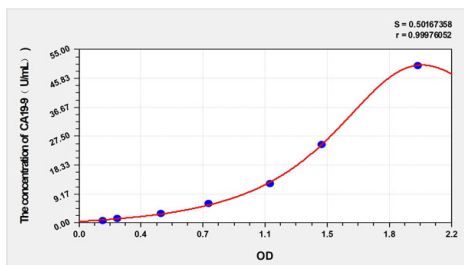
PRODUCT SYNONYMS

CA19-9 (CarbohydMousee Antigen 19-9); Mouse CA19-9 (CarbohydMousee Antigen 19-9) ELISA Kit; sialylated Lewis(a)Antigen; Cancer Antigen 19-9; CA19-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CA19-9. No significant cross-reactivity or interference between Mouse CA19-9 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.79-50 U/mL
Sensitivity	0.28 U/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CA19-9 elisa kit

Principle of the Assay: 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 CA19-9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to CA19-9. 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 CA19-9, 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 CA19-9 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CA19-9 elisa kit

[Tumor immunity](#); [Hepatology](#); [Gastroenterology](#)

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://stage.aaabiotech.com/mouse-elisa-kits/ca19-9-carbohydmousee-antigen-19-9/277425>