Human Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) CLIA Kit | CYFRA21-1 clia kit

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CATALOG #	REACTIVITY
AAA135601	**Human**

PRODUCT SYNONYMS

Cytokeratin Fragment Antigen 21-1 (CYFRA21-1); Human Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) CLIA Kit; CYFRA21-1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cytokeratin Fragment Antigen 21-1 (CYFRA21-1). No significant cross-reactivity or interference between Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) and analogues was observed.
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	9.9pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYFRA21-1 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Cytokeratin Fragment Antigen 21-1 (CYFRA21-1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Cytokeratin Fragment Antigen 21-1 (CYFRA21-1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) level in the sample or standard.;

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/human-clia-kits/cytokeratin-fragment-antigen-21-1-cyfra21-1/135601