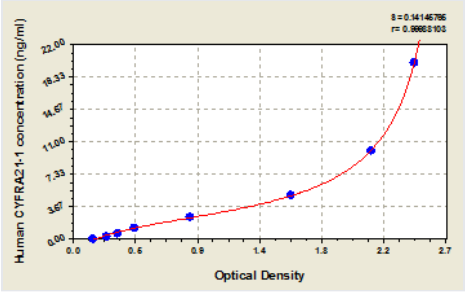
Cytokeratin Fragment Antigen 21-1, CYFRA21-1 (CYFRA21-1) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	cytokeratin fragment antigen 21-1, CYFRA21-1, ELISA Kit
Full Product Name	Human cytokeratin fragment antigen 21-1, CYFRA21-1 ELISA Kit
Product Gene Name	CYFRA21-1 elisa kit
Product Synonym Names	Human cytokeratin fragment antigen 21-1; CYFRA21-1 ELISA Kit; cytokeratin fragment antigen 21-1; CYFRA21-1
Species Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Serum, plasma
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Specificity	This assay has high sensitivity and excellent specificity for detection of human CYFRA21-1. No significant cross-reactivity or interference between human CYFRA21-1 and analogues was observed.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CYFRA21-1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CYFRA21-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CYFRA21-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CYFRA21-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CYFRA21-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
Other Notes	Small volumes of CYFRA21-1 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CYFRA21-1 purchase	MBS705167 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the cytokeratin fragment antigen 21-1, CYFRA21-1, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CYFRA21-1. The ELISA analytical biochemical technique of the MBS705167 kit is based on CYFRA21-1 antibody-CYFRA21-1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CYFRA21-1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CYFRA21-1. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of CYFRA21-1 elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/human-elisa-kits/cytokeratin-fragment-antigen-21-1-cyfra21-1/705167