

respiratory syncytial virus (RSV)(A2) Fusion glycoprotein/RSV-F ELISA Kit | RSV elisa kit

Human respiratory syncytial virus (RSV)(A2) Fusion glycoprotein/RSV-F ELISA Kit

CATALOG #
AAA258412

REACTIVITY
Human respiratory syncytial virus (RSV)

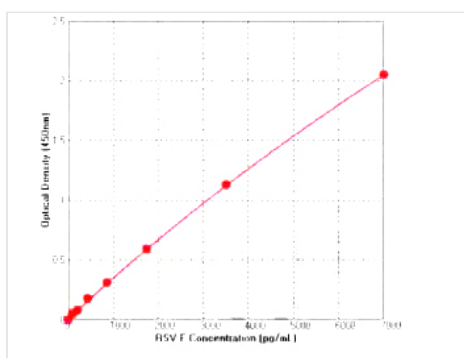
PRODUCT SYNONYMS

respiratory syncytial virus (RSV)(A2) Fusion glycoprotein/RSV-F; Human respiratory syncytial virus (RSV)(A2) Fusion glycoprotein/RSV-F ELISA Kit; F ELISA Kit; RSV; HRSVgp08 ELISA Kit; RSV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human respiratory syncytial virus (RSV)
Specificity	The kit has been verified by high purity Human respiratory syncytial virus (RSV)(A2) Fusion glycoprotein/RSV-F recombinant protein.
Assay Type	Sandwich
Samples	Serum and cell culture supernates
Detection Range	109.38-7000 pg/mL
Sensitivity	17.82 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) - Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays) - Three samples of known concentration were tested in three separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSV elisa kit	Principle of the Assay: The principle of this ELISA kit is based on the Sandwich Enzyme-Linked Immunosorbent Assay (ELISA). The 96-well strip plate is precoated with a monoclonal antibody specific for Human respiratory syncytial virus (RSV) (A2) Fusion glycoprotein / RSV-F. Standards and Human respiratory syncytial virus (RSV) (A2) Fusion glycoprotein / RSV-F present in the sample is bound by the immobilized antibody. After washing, a horseradish peroxidase conjugated anti-Human respiratory syncytial virus (RSV) (A2) Fusion glycoprotein / RSV-F antibody is added, producing an antibody-antigen-antibody "sandwich complex". Following a wash to remove any unbound antibody -enzyme reagent, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Human respiratory syncytial virus (RSV) (A2) Fusion glycoprotein / RSV-F bound in the initial step. The color development is stopped and the intensity of the color is measured at 450 nm. Intended Uses: The kit applies for the accurate quantitation of Human respiratory syncytial virus (RSV) (A2) Fusion glycoprotein / RSV-F from serum and cell culture supernates. The use of this kit for natural samples need to be validated by the end user due to the complexity of natural targets and unpredictable interference.
References	Martin-Gallardo A. et al., 1993, J Gen Virol. 74 (3): 453-8. Jose A M. et al., 1997, J Gen Virol. 78: 2411-8.Feldman SA. et al., 1999, J Virol. 73 (8): 6610-7.Zlateva K.T. et al., 2004, J Virol. 78 (9): 4675-83.Trento A. et al., 2006, J Virol. 80 (2): 975-84. Branigan P J. et al., 2006, J Gen Virol. 87 (2): 395-8. Eckardt-Michel J. et al., 2008, J. Virol. 82: 3236-49.

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-rat-respiratory-syncytial-virus-rsv-elisa-kits/respiratory-syncytial-virus-rsv-a2-fusion-glycoprotein-rsv-f/258412>