HRSV F/Fusion glycoprotein F0 Antigen ELISA Kit

Summary

Catalog No.	KVV02801
Applications	Used for the quantitative determination of HRSV Fusion glycoprotein F0 concentration in serum and plasma.
Target	F, Fusion glycoprotein F0
Stability and Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 10% prior to the expiration date under appropriate storage condition.
Detection method	Colorimetric
Sample type	Plasma, Serum
Assay type	Quantitative
Sensitivity	8.76 pg/mL
Range	15.63 - 1,000 pg/mL
Recovery	80-120%
Shipping	2-8 ℃
Note	For Research Use Only.

Description

PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for HRSV Fusion glycoprotein F0 has been pre-coated onto a microplate. Standards or samples are pipetted into the wells and any HRSV Fusion glycoprotein F0 present is bound by the immobilized antibody. After washing away any unbound substances, a biotin-labeled antibody specific for

HRSV Fusion glycoprotein F0 is added to the wells. After washing away any unbound substances, Streptavidin-HRP is added to the wells. Following a wash to remove any unbound enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HRSV Fusion glycoprotein F0 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Precision

Intra-Assay Precision (Precision within an assay): <10%

Three samples of known concentration were tested sixteen times on one plate to assess intra-assay precision.

Inter-Assay Precision (Precision between assays): <15%

Three samples of known concentration were tested in twenty four separate assays to assess inter-assay precision.

Data Image