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Product Datasheet

Human Eukaryotic Translation Initiation Factor 3a (eIF3a) ELISA Kit BYT-ORB1948217

Article Name	Human Eukaryotic Translation Initiation Factor 3a (eIF3a) ELISA Kit
Biozol Catalog Number	BYT-ORB1948217
Supplier Catalog Number	orb1948217
Alternative Catalog Number	BYT-ORB1948217-48,BYT-ORB1948217-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Eukaryotic Translation Initiation Factor 3a (eIF3a) ELISA Kit...
Range	62.5-4000pg/mL
Sensitivity	37.5 pg/mL
UniProt	Q14152
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	eIF3a

Application Notes

Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human eIF3a. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human eIF3a and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human eIF3a, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Human eIF3a. You can calculate the concentration of Human eIF3a in the samples by comparing the OD of the samples to the standard curve