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Product Datasheet

Human GDNF ELISA Kit BYT-ORB1658319

Article Name	Human GDNF ELISA Kit
Biozol Catalog Number	BYT-ORB1658319
Supplier Catalog Number	orb1658319
Alternative Catalog Number	BYT-ORB1658319-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	Human GDNF ELISA Kit...

Application Notes

Application Notes: Detect Range: 31.2 pg/mL-2000 pg/mL. Sensitivity: 4 pg/mL. Gene_name: GDNF. Gene_full_name: Glial cell line-derived neurotrophic factor. Protein_name: Glial cell line-derived neurotrophic factor. Sample Type: cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA). Tmb_incubation: 25-30 min. Capture_antibody: monoclonal antibody from mouse. Detection_antibody: polyclonal antibody from goat. Research_category: neuroscience|neurology process|growth and development|neurotrophins|neurodegenerative disease|parkinsons disease|amyotrophic lateral sclerosis|developmental biology|organogenesis|excretory system development|kidney development. Sequence_similarities: Belongs to the TGF-beta family. GDNF subfamily. Tissue_specificity: In the brain predominantly expressed in the striatum with highest levels in the caudate and lowest in the putamen. Isoform 2 is absent from most tissues except for low levels in intestine and kidney. Highest expression of isoform 3 is found in pancreatic islets. Isoform 5 is expressed at very low levels in putamen nucleus accumbens prefrontal cortex amygdala hypothalamus and intestine. Isoform 3 is up-regulated in the middle temporal gyrus of Alzheimer disease patients while isoform 2 shows no change