Spx/Spexin (SPX) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Spx/Spexin, ELISA Kit
Full Product Name	Mouse Spx/Spexin ELISA Kit
Product Gene Name	Spx elisa kit
Product Synonym Names	NPQ; Neuropeptide Q; Spexin hormone; Spexin
Species Reactivity	Mouse
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Specificity	Natural and recombinant Mouse Spexin
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.
3D Structure	ModBase 3D Structure for D3Z752
Related Product Information for Spx elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
Other Notes	Small volumes of Spx 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 Spx purchase	MBS2904428 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Spx/Spexin, 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 Spx. The ELISA analytical biochemical technique of the MBS2904428 kit is based on Spx antibody-Spx antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Spx antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Spx. 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(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Spx. It may not necessarily be applicable to this product.

UniProt Primary Accession #	D3Z752
Protein Family	Spexin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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