

Diagnopal Dynabioassay Products LTD

General protein stabilizer

DPGPS (100mL), DPGPS (1000mL)

Introduction:

General protein stabilizer (DPGPS) is a unique formulated stabilizer for making ready to use standards/Controls of stabilized serum or monoclonal Antibodies or Ags. Antigens (HBS Ag), Glycoproteins and cancer Antigens (PSA, CEA, Alpha-FP), Peptides (HCG, LH, FSH, TSH), Infection disease (TORCH panel, H-Pylori, Rubella), T3, T4, T-Up, and some Drugs for Immunoassay tests including ELISA, RIA, Blotting has been successfully tested by this stabilizer/reaction matrix. Also due to its excellent recovery and linearity compared to human serum, General protein stabilizer (DPGPS) can be used as reaction buffer/assay buffer/diluent in mentioned tests.

By adding analyte to General protein stabilizer, you can make ready to use Standards and Controls to your Immunoassay kit. However, you can make 5-25x concentrated analyte to make further dilution on other stabilizers or assay buffers. Also, the recovery and linearity of tests are comparable with free analyte human serum.

Specification of "General protein stabilizer"

Stability and storage	The product should be kept at 2-8 °C. In refrigerated condition it is stable for 3 years from date of manufacture.
Specification	Protein: BSA
	Product Buffer: NONE
	pH: 6.5-7.5
	Preservative: Gentamycin, Methyl Isothiazolone
	Acceptable Diluents: None
	Dry weight(gr/mL): 0.047-0.070
Shipment Temperature: RT	
Notes	Keep product away from freezing, Direct sun light and heat. 3 months of storage of un-opened products in Dark and RT will not affect the product quality or efficacy more than 0.05%.
Available Forms	100 ML and 1Litter standard vials and requested volume.

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Recommendation for use:

we recommend using this product mostly for making ready to use standards/ Controls for competitive assays (T3, T4, T-Up, Drugs) as well as for making ready to use peptides standards and controls (HBSAg, HCG, FSH, CEA, ...) and Immunoglobulin controls/standards (IgG, IgM, IgE).it is recommended for use as assay buffer/sample diluent and reaction buffer in Immunoassay tests. For using product, equilibrate its temperature to the RT and then try to dilute your analyte. Also, aseptic samplers, glass wares and equipment are essential. Keep opened product in proper condition in RT (if you will use it in a month) or 2-8° C if you need more time to finish product. You can mix several of the same LOTs together to make bigger product LOTs.

Stability of Analyte in General Protein Stabilizer

HBSAg Stability in General Immunoassay Stabilizer

