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A Geno Technology, Inc. (USA) brand name

# Non Animal Protein Standards

(Cat. # 786-438, 786-439)



think proteins! think G-Biosciences [www.GBiosciences.com](http://www.GBiosciences.com)

## INTRODUCTION

G-Biosciences Non Animal Protein Standards are protein standards for use in protein estimations that are generated from non-animal proteins.

The prediluted Non Animal Protein Standards are ready to use solutions prepared in an aqueous buffer with a preservative for product stability. They are provided in six different concentrations ranging from 0.1mg/ml to 1.0mg/ml for running standard calibration in protein estimations.

## ITEM(S) SUPPLIED

Cat. #	Description	Size
786-438	Non Animal Protein Standards [2mg/ml]	2 x 5ml
786-439	Non Animal Protein Standards (Prediluted) <i>Non Animal Protein Standards [0.1mg/ml]</i> <i>Non Animal Protein Standards [0.2mg/ml]</i> <i>Non Animal Protein Standards [0.3mg/ml]</i> <i>Non Animal Protein Standards [0.5mg/ml]</i> <i>Non Animal Protein Standards [0.8mg/ml]</i> <i>Non Animal Protein Standards [1.0mg/ml]</i>	5ml of each

## STORAGE CONDITIONS

The kit is shipped at ambient temperature. Store refrigerated at 4°C, upon arrival. For long term storage keep at -20°C and is stable for 1 year. Avoid frequent freeze-thaw.

## PROTOCOL

### ***Non Animal Protein Standards (Prediluted)***

For the prediluted Non Animal Protein Standards, use the appropriate volume direct in the protein assay. 50µl for 1ml protein assays and 5µl for microwell assays is recommended.

### ***Non Animal Protein Standards [2mg/ml]***

For minimizing interference, it is important to prepare the appropriate diluted protein standard in the same diluent used for the test protein sample.

For the Dilute Protocol, prepare a 0.1mg BSA/ml stock solution by mixing 50µl 2mg/ml stock with 950µl diluent. Use this stock for preparing diluted protein standard for the micro protocol assay.

For Standard Protocol (25-2000 $\mu\text{g/ml}$ )

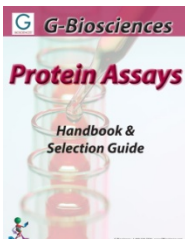
<b>2mg/ml Standard (<math>\mu\text{l}</math>)</b>	<b>Diluent (<math>\mu\text{l}</math>)</b>	<b>Final Concentration (<math>\mu\text{g/ml}</math>)</b>
400	0	2000
300	100	1500
200	200	1000
150	250	750
100	300	500
50	350	250
25	375	125
5	395	25
0	400	0 (Blank)

For Dilute Protocol (2.5-25 $\mu\text{g/ml}$ )

<b>0.1mg/ml Standard (<math>\mu\text{l}</math>)</b>	<b>Diluent (<math>\mu\text{l}</math>)</b>	<b>Final Concentration (<math>\mu\text{g/ml}</math>)</b>
250	750	25
200	800	20
150	850	15
100	900	10
50	950	5
25	975	2.5
0	1000	0 (Blank)

## RELATED PRODUCTS

Download our Protein Assay Handbook



<http://info.gbiosciences.com/complete-protein-assay-guide/>

For other related products, visit our website at [www.GBiosciences.com](http://www.GBiosciences.com) or contact us.



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