BioProfile® Linearity Solution: Low

Glutamine (Gln), Glutamate (Glu), Glucose (Gluc), Lactate (Lac)

Lot. No. 23102072 **Exp. Date** 2024-10

Instrument Instrument Apparelis Strumentazione	Constituent Parameter Constituant Costituente	Units Einheiten Unites Unita	Mean Mittlewert Moyenne Media	Expected Range Bereich Limites Intervalio	Units Einheiten Unites Unita	Mean Mittlewert Moyenne Media	Expected Range Bereich Limites Intervalio
	Conventional Units of Measure					**Other Units**	
BioProfile FLEX FLEX 2	Gln	mmol/L	0.45	0.25 - 0.65	g/L	0.07	0.04 - 0.09
	Glu	mmol/L	0.48	0.28 - 0.68	g/L	0.07	0.04 - 0.10
	Gluc	g/L	0.43	0.28 - 0.58	mmol/L	2.4	1.6 - 3.2
	Lac	g/L	0.44	0.29 - 0.59	mmol/L	4.9	3.2 - 6.5

* Expected Range includes all values to be seen for these parameters.

NOTE: It is recommended that each laboratory establish their own range of acceptable values, based on the allowed variation in the value of the parameter being measured.

Product Information

NOVA BIOPROFILE® Linearity Solution — An assayed aqueous quality control material intended for monitoring the measurement of glutamine, glutamate, glucose and lactate on Nova Biomedical analyzers ONLY.

Ingredients: Linearity Solutions are formulated from a buffered aqueous solution, each with a known pH and containing known levels of glutamine, glutamate, glucose and lactate. The volume of each ampule is 1.7 mL.

Low	Catalog No. 45278
High	Catalog No. 45279

BioProfile Linearity Solutions contain no constituents of human origin, however, good laboratory practice should be followed during handling of these materials. (REF. NCCLS DOCUMENT M29-T2)

Storage: Linearity Solutions should be stored frozen at or below -15˚C. Each Linearity Solution has a lot number and expiration date printed on the label.

Directions for Use:
Before opening BioProfile Linearity Solutions, prepare the solution by thawing to approximately 25˚C, and then shake the ampules for about 10 seconds. Snap open ampule (protecting fingers with gauze or gloves), and aspirate liquid from the ampule to the analyzer, following the manufacturer's recommended technique.

Assigned Values: The EXPECTED RANGE for each analyte was determined at Nova by performing multiple determinations on multiple instruments using multiple runs of each level of solution.
The EXPECTED RANGE indicates the maximum deviations from the mean value which may be expected under differing laboratory conditions from instruments which are operating according to specifications.
Users may wish to determine MEAN VALUES and EXPECTED RANGES in their own laboratory.
Please verify that the lot number appearing on the Assay Data Sheet agrees with the lot number appearing on the material being analyzed.

Limitations: The values appearing in the Assay Data Table are specific for instruments and reagents manufactured by Nova Biomedical.

nova® biomedical
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