

GlutaMAX™-I (100X)

Description

GlutaMAX™-I, L-alanyl-L-glutamine, is a dipeptide substitute for L-glutamine. GlutaMAX™-I can be used as a direct substitute for L-glutamine at equimolar concentrations in both adherent and suspension mammalian cell cultures with minimal or no adaptation. GlutaMAX™-I is highly soluble, heat-stable, and improves growth efficiency and performance of mammalian cell culture systems. GlutaMAX™-I eliminates problems associated with the spontaneous breakdown of L-glutamine into ammonia during incubation, allowing for longer lasting cultures. GlutaMAX™-I supplement is also available pre-supplemented in a variety of media formulations.

Product	Catalog No.	Amount	Storage	Shelf Life*
GlutaMAX™-I	35050-061	100 mL	15°C to 30°C	24 months
	35050-079	20 × 100 mL		
	35050-038**	100 mL		
	35050-087**	20 × 100 mL		

* Shelf Life duration is determined from Date of Manufacture.

** For European customers only.

Intended Use

For *in vitro* diagnostic use.

Important Information

- Formulated as a 200 mM (100X) L-alanyl-L-glutamine dipeptide in 0.85% NaCl

Safety Information

Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Use

Direct equimolar substitution for L-glutamine in mammalian cell culture.

Supplement with GlutaMAX™-I











- Aseptically add the required molar concentration to culture medium.
- If a lag in growth is observed upon conversion to GlutaMAX™-I, it is recommended to supplement the culture media with GlutaMAX™-I and L-glutamine at a 3:1 molar ratio (e.g., for 8 mM final concentration, use 6 mM GlutaMAX™-I and 2 mM L-glutamine) for the first and second passages during adaptation to the new culture conditions.

Related Products

Product	Catalog No.
L-glutamine 200mM (100X), liquid	25030
GlutaMAX™-I CTS™	A12860
DMEM/F-12, GlutaMAX™	10565
RPMI, GlutaMAX™	61870
Opti-MEM® Reduced Serum Medium, GlutaMAX™	51985

Explanation of Symbols and Warnings

The symbols present on the product label are explained below:

			
Caution, consult accompanying documents	<i>In vitro</i> diagnostic medical device	Sterilized using aseptic processing techniques	Consult instructions for use
			
Use By:	Catalog number	Manufacturer	Batch Code
			
		European Community	Temperature Limitation

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