



Sarcosine [BSA] (DAG3402)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sarcosine (BSA) conjugate
Specificity	Sarcosine conjugated with bovine serum albumin (BSA).
Species	N/A
Purity	Purity is greater than 90.0% under the conditions that would preserve its biological activity and tertiary structure.
Conjugate	BSA
Applications	immunohistochemistry and immunocytochemistry
Reconstitution	Reconstituted in deionized water (250 µg)
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p>Sarcosine, also known as N-methylglycine, is an intermediate and byproduct in glycine synthesis and degradation. Sarcosine is metabolized to glycine by the enzyme sarcosine dehydrogenase, while glycine-N-methyl transferase generates sarcosine from glycine. Sarcosine is a natural amino acid found in muscles and other body tissues. In the laboratory, it may be synthesized from chloroacetic acid and methylamine. Sarcosine is found naturally as an intermediate in the metabolism of choline to glycine. Sarcosine is sweet to the taste and</p>
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dissolves in water. It is used in manufacturing biodegradable surfactants and toothpastes as well as in other applications.

Keywords

Sarcosine
