



Agmatine [BSA] (DAG3267)

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

PRODUCT INFORMATION

Product Overview	Agmatine, BSA-conjugated
Specificity	Agmatine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Species	N/A
Conjugate	BSA
Applications	immunohistochemistry and immunocytochemistry.
Reconstitution	Reconstitute with deionized water (250 µg)
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p>Agmatine, an aminoguanidine ((4-aminobutyl)guanidine), was discovered in 1910 by the Nobel laureate Albrecht Kossel. It is a common natural compound synthesized by decarboxylation of the amino acid arginine, hence also known as decarboxylated arginine.</p> <p>Agmatine has been shown to exert modulatory action at multiple molecular targets, notably: neurotransmitter systems, key ion channels, nitric oxide (NO) synthesis and polyamine metabolism, thus providing bases for further research into potential applications.</p>
Keywords	Agmatine