



## Tryptamine [G-BSA] (DAG3414)

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

### PRODUCT INFORMATION

Product Overview	Tryptamine, G-BSA-conjugated
Specificity	Tryptamine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Species	N/A
Purity	Purity is greater than 90.0% as determined by SDS-PAGE
Conjugate	G-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	Tryptamine (3-(2-aminoethyl)indole) is a monoamine compound that is widespread in nature. Biosynthesis generally proceeds from the amino acid tryptophan, with tryptamine in turn acting as a precursor for other compounds including indole, beta-carboline and ergoline alkaloids and auxins. Substitutions to the tryptamine molecule give rise to a group of compounds collectively known as tryptamines. The most well-known tryptamines are serotonin, an important neurotransmitter, and melatonin, a hormone involved in regulating the sleep-wake cycle.
Keywords	(Amino-2 ethyl)-3 indole; (amino-2ethyl)-3indole; 3-(2-aminoethyl)-indol; 3-Indoleethylamine;

beta-(3-Indolyl)ethylamine; Indol-3-ethylamine; Tryptamin; LABOTEST-BB LTBB000729;  
AURORA KA-7834; 3-(BETA-AMINOETHYL) INDOLE; 2-(3-INDOLYL)ETHYLAMINE; 1H-  
INDOLE

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