



Noradrenaline [BSA] (DAG3385)

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

PRODUCT INFORMATION

Product Overview	Noradrenaline, BSA-conjugated
Specificity	Noradrenaline conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Species	N/A
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	Noradrenaline (NA) is a catecholamine neurotransmitter at postganglionic sympathetic fibres, produced following a series of steps from the essential amino acid phenylalanine. Terminal postganglionic sympathetic fibres have varicosities (where NA is synthesised and stored) which form synapses with the effector organ. The adrenal medulla is a major source of catecholamines (such as NA and adrenaline), however, most of the NA produced in the adrenal medulla is converted into adrenaline. NA is key in the fight-or-flight response and also directly increases heart rate, energy release from fat, and muscle readiness.
Keywords	Noradrenaline; arterenol; NA; Norepinephrine; (R)-(-)-Norepinephrine; 4-[(1R)-2-amino-1-

