



NO-DL.Citrulline [G-BSA] (DAG3375)

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

PRODUCT INFORMATION

Product Overview	NO-DL.Citrulline (G-BSA) conjugate
Specificity	Nitroso-DL.Citrulline conjugated with Glutaraldehyde (G) and bovine serum albumin (BSA).
Species	N/A
Purity	Purity is > 95% 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	The organic compound citrulline is an α -amino acid. Its name is derived from citrullus, the Latin word for watermelon, from which it was first isolated in 1914 by Koga and Odake. It was finally identified by Wada in 1930. It has the idealized formula $H_2NC(O)NH(CH_2)_3CH(NH_2)CO_2H$. It is a key intermediate in the urea cycle, the pathway by which mammals excrete ammonia.
Keywords	NO-DL.Citrulline; Citrulline; L-CIT; L-Citrullin; n5-(aminocarbonyl)-l-ornithin