Homocysteine, G-BSA-conjugated

DAG3334 chemosynchetic
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Homocysteine, G-BSA-conjugated
Description	Homocysteine, Conjugated
Species	chemosynchetic
Specificity	Homocysteine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Conjugate	G-BSA
Form	1.5 urea/25 mM tris-HCl pH 8.0/0.2% triton-X/50% glycerol
Applications	immunohistochemistry and immunocytochemistry
Usage	This antigen was used to produce a polyclonal antibody.
Quality Control Test	100 micrograms, 500 micrograms, 1 milligram

PACKAGING

Storage	Store at -20°C for one year. Reconstitute with deionized H2O + 0.1% merthiolate (optional preservative). This solution is stable at +4°C for 15 days.

BACKGROUND

Introduction	Homocysteine is a chemical compound with the formula HSCH2CH2CH(NH2)CO2H. It is a homologue of the naturally-occurring amino acid cysteine, differing in that its side-chain contains an additional methylene (-CH2-) group before the thiol (-SH) group. Alternatively, Homocysteine can be derived from methionine by removing the latter's terminal C methyl group. Elevations of Homocysteine also occur in the rare hereditary disease homocystinuria and in methylene-tetrahydrofolate-reductase deficiency. The latter is quite common and usually goes unnoticed, although there are reports that thrombosis and cardiovascular disease occurs more often in people with elevated Homocysteine.
Keywords	Homocysteine; usafb-12; H-DL-Hcys-OH

REFERENCES

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45-16 Ramsey Road Shirley, NY 11967, USA
Tel: 631-624-4882 ·Fax:631-614-7828
E-mail: info@creative-diagnostics.com
www.creative-diagnostics.com