Glyoxal (BSA) conjugate

DAG3314 chemosynchetic
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Glyoxal (BSA) conjugate
Description	Glyoxal (BSA) conjugate
Species	chemosynchetic
Specificity	Glyoxal conjugated with bovine serum albumin (BSA).
Conjugate	BSA
Form	Lyophilized (1 mg); Lyophilized and reconstituted in deionized water (250 µg)
Applications	immunohistochemistry and immunocytochemistry
Usage	This antigen was used to produce a polyclonal antibody.
Quality Control Test	250 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 2 months.

BACKGROUND

Introduction	Glyoxal is an organic compound with the formula OCHCHO. This yellow colored liquid is the smallest dialdehyde (two aldehyde groups). Its tautomer acetylenediol is unstable. Commercial glyoxal is prepared either by the gas phase oxidation of ethylene glycol in the presence of a silver or copper catalyst or by the liquid phase oxidation of acetaldehyde with nitric acid. Global nameplate capacity is ~220,000 tons, with production rates less, due to over-capacity mostly in Asia. Most production is done via the gas phase oxidation route.
Keywords	Glyoxal; Biformal; Diformal; Ethandial; Ethanedione; ODIX; Oxal; Oxaldehyde; xalaldehyde

REFERENCES

1. Ronzio, A. R.; Waugh, T. D. (1955), "Glyoxal Bisulfite", Org. Synth.; Coll. Vol. 3: 438.
2. Snyder, H. R.; Handrick, R. G.; Brooks, L. A. (1955), "Imidazole", Org. Synth.; Coll. Vol. 3: 471.

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