

Diamino-Pentane, BSA-conjugated

DAG3298 chemosynthetic
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Diamino-Pentane, BSA-conjugated
Description	Diamino-Pentane, Conjugated
Species	chemosynthetic
Specificity	Diamino-Pentane conjugated with glutaraldehyde (G) and 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 15 days.

BACKGROUND

Introduction Cadaverine is a foul-smelling compound produced by protein hydrolysis during putrefaction of animal tissue. Cadaverine is a toxic diamine with the formula NH₂(CH₂)₅NH₂, which is similar to putrescine. Cadaverine is also known by the names 1,5-pentanediamine and pentamethylenediamine.

Keywords Cadaverine; 1,5-pentanediamine; pentamethylenediamine; animalconiine; 1,5-Amylene diamine

REFERENCES

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2. Ludwig Brieger, "Weitere Untersuchungen über Ptomaine" [Further investigations into ptomaines] (Berlin, Germany: August Hirschwald, 1885), page 43.