

Agrisera

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Product no **AS09 599**
Spermine

Product information

Background | Spermine is a positively charged polyamine found in a wide variety of tissues. Alternative names: gerontine, musculamine, neuridine

Immunogen | Synthetic spermine conjugated to [BSA](#)

Host | Rabbit

Clonality | Polyclonal

Purity | Total IgG

Format | Lyophilized in PBS, Phosphate 10 mmol/l ; NaCl 150 mmol/l at pH 7.35

Quantity | 100 µl

Reconstitution | For reconstitution add 50 µl of sterile water and 50 µl of glycerol

Storage | Store lyophilized antibodies at 4 °C; after reconstitution store at -20 °C. This aliquote is stable for at least 2 years. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Tested applications | Indirect ELISA (ELISA) with conjugated spermine

Related products | [Secondary antibodies](#)

Additional information | Specificity has been determined using ELISA competition experiments using conjugate of spermine

Compounds	Cross-reactivity ratio (a)
Spermine-GA-BSA	1
Spermidine-GA-BSA	1/ 3
Ornithine-GA-BSA	1/ 500
Diamino-Pentane-G-BSA	1/ 700

(a) : Spermine-GA-BSA concentration/other conjugated polyamine concentration at half displacement
G = Glutaraldehyde, GA = Glutaric Anhydride, BSA = Bovine Serum Albumin.

Antibodies have very weak reactivity to spermidine and no reactivity to putrescine.

Application information

Recommended dilution | The optimal working dilution should be determined by the investigator.

Expected | apparent MW | 202.34 g/mol

Confirmed reactivity | Conjugated spermine

Predicted reactivity | Spermine

Not reactive in | No confirmed exceptions from predicted reactivity are currently known.

Additional information | For example of immunocytochemistry protocol check here total IgG was purified using ammonium sulfate precipitation. For high resolution images, please visit the specific product page at www.agrisera.com

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