

Sodium Fluoride (Fluoride)



1-800-632-7799
info@neb.com
www.neb.com



P0759S 007151218121

P0759S

1 ml Lot: 0071512 Exp: 12/18

500 mM Store at -20°C

Description: Sodium Fluoride (Fluoride, NaF) is a commonly used general inhibitor for protein phosphoserine and phosphothreonine phosphatases (PSPs). Routinely Fluoride, combined with Sodium Orthovanadate (NEB# P0758), a general inhibitor for protein phosphotyrosyl phosphatases (PTPs), is used to preserve the protein phosphorylation state in cells, cell lysates, and protein kinase (PK) assays. These inhibitors should ideally be present in all buffers used in the purification of PKs (1, 2).

Supplied in: Sterile purified water.

Molecular Weight: 41.99 daltons

Purity: >99% pure

Suggested Working Concentration: 5–50 mM

References:

1. Hardie, D.G. et al. (1993). In D. G. Hardie (Ed.), *Protein Phosphorylation: A Practical Approach* (pp.62). New York: IRL Press.
2. Gordon, J.A. (1991) *Methods in Enzymology* 201, 477-482.



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This product is intended for research purposes only. This product is not intended to be used for therapeutic or diagnostic purposes in humans or animals.

CERTIFICATE OF ANALYSIS

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