

Sodium Fluoride (Fluoride)



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



P0759S 006140617061

P0759S

1 ml **Lot: 0061406** **Exp: 6/17**

500 mM **Store at -20°C**

Description: Sodium Fluoride (Fluoride, NaF) is a commonly used general inhibitor for protein phosphoseryl and phosphothreonyl 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.

CERTIFICATE OF ANALYSIS

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