

## Fast-Red Substrate Pack

**Description:** Fast-Red in naphthol phosphate is a widely used chromogen for immunohistochemical staining and immunoblotting. When in the presence of alkaline phosphatase enzyme, Fast-Red produces a bright red precipitate that is soluble in alcohol.

**Contents:** 11 Fast-Red Tablets  
11 Naphthol Phosphate Buffers (5ml)

**Storage:** Store at 2-8°C. Each component is stable for 18 months.

### IMMUNOHISTOCHEMICAL Staining Protocol:

1. Combine 1 Fast-Red tablet with 1 vial (5ml) of Naphthol Phosphate Buffer and shake until fully dissolved.
2. Apply mixture to tissue section.
3. Incubate tissue section for 10-25 minutes.
4. Rinse tissue, counterstain\*, and coverslip using an aqueous mounting media.

\* Possible counterstains: Some counterstains require dehydration and clearing.

Mayer's Hematoxylin	HAQ	Blue Nuclei
Methyl Green	MGS	Green/Blue Nuclei
Nuclear Fast Red	NFR	Red Nuclei

**Precautions:** Do not pipet by mouth. Avoid contact with skin and eyes. Handle with care and dispose of according to regulations.