

Liquid Fast-Red Substrate System

INTENDED USE

For In Vitro Diagnostic Use

<u>AVAILABILITY:</u>	<u>Catalog #</u>	<u>Volume</u>
	TA-060-AL	1 ml Liquid Fast Red Chromogen (75X) (TA-001-ALC) 60 ml Naphthol Phosphate Substrate (TA-060-ALS)
	TA-125-AL	2 ml Liquid Fast Red Chromogen (75X) (TA-002-ALC) 125 ml Naphthol Phosphate Substrate (TA-125-ALS)

DESCRIPTION

Fast Red in Naphthol phosphate is a widely used chromogen for immunohistochemical staining and immunoblotting. In the presence of alkaline phosphatase enzyme, Liquid Fast Red produces a bright red reaction product that can be seen using either brightfield or fluorescent microscopy. Liquid Fast Red is not soluble in xylenes and alcohols; therefore it may be permanently mounted.

WARNINGS & PRECAUTIONS

Refer to MSDS.

STORAGE & SHELF LIFE

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

MICROBIOLOGICAL STATE

Product(s) not sterile.

MATERIALS REQUIRED BUT NOT PROVIDED

N/A

SPECIMEN & REAGENT PREPARATION

Refer to Procedure.

PROCEDURE

1. Prepare the working solution immediately before use.
2. Add 1 drop (40 µl) of Liquid Fast Red Chromogen to 3 ml of Naphthol Phosphate Substrate and mix it well.
3. Apply solution to tissue section. Use working solution within 15 minutes of preparation or decreased sensitivity may result.
4. Incubate tissue section for 10-25 minutes.
5. Rinse tissue, counterstain, and coverslip using an aqueous or permanent mounting media.

REFERENCES

N/A

TROUBLESHOOTING

Please contact Thermo Fisher Scientific Technical Support by phone (1-510-991-2800 or 1-800-828-1628) or by email (lab.reagents@thermofisher.com).