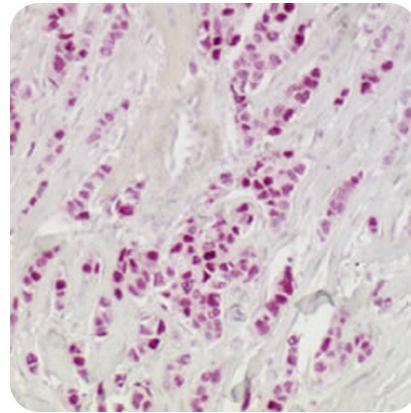


Fast Red Substrate Pack (For Alkaline Phosphatase)

Description: Fast Red Substrate Pack is a two-component chromogen for immunohistochemical staining and immunoblotting. When in the presence of alkaline phosphatase enzyme, Fast Red Substrate Pack produces an intense red precipitate that is soluble. The working solution may be mixed for up to 2 hours prior to application making it suitable for automated staining.

Uses/Limitations: Not to be taken internally.
For In Vitro Diagnostic Use.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.



Control Tissue: Any well fixed paraffin embedded or frozen tissue section.

Ordering information regarding individual components on back page!

Kit Contents:


<u>Component</u>	<u>Volume</u>	<u>Storage</u>
Fast Red Tablets	11 Tablets	2-8°C
Naphthol Phosphate Buffer	11 x 5 ml	2-8°C

Precautions: Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.


Procedure:

1. Combine one Fast Red Tablet with one 3ml vial of Naphthol Phosphate Buffer. Combined mixture may be used for up to two hours.
2. Dip slide one time in DI/Distilled water immediately prior to application of Permanent Red.
3. Apply mixture to tissue section and incubate for 5 minutes.
4. Rinse slide using DI/Distilled water.
5. Apply mixture a second time and incubate for another 5 minutes.
6. Rinse slide using DI/Distilled water.
7. If desired, repeat application for a third time.
8. Rinse slide in two changes of DI/Distilled water.
9. Counterstain as desired.
10. Coverslip using an aqueous medium.

Storage: 2° C  8° C

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References:

1. Ly, Long V., et al. "In aged mice, outgrowth of intraocular melanoma depends on proangiogenic M2-type macrophages." *The Journal of Immunology* 185.6 (2010): 3481-3488.
2. Dennaoui, Jihan, et al. "Changes in immunological markers and influx of macrophages following trans-scleral thermotherapy of uveal melanoma." *Acta ophthalmologica* 89.3 (2011): 268-273.
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4. Naseri, M., S. M. Moazzeni, and A. A. Pourfathollah. "APAAP complex: production and usage in immunocytochemical and immunohistochemical staining." *Human antibodies* 16.3 (2007): 107-115.
5. Boonman, Zita FHM, et al. "Macrophages are vital in spontaneous intraocular tumor eradication." *Investigative ophthalmology & visual science* 47.7 (2006): 2959-2965.
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Bulk Reagent Ordering Information and Current Pricing at www.scytek.com


Description:	Catalog #	Volume
Fast Red Tablets	FRT025	25 Tablets
	FRT100	100 Tablets
	FRT999	1000 Tablets
Naphthol Phosphate Buffer	NPB125	125 ml
	NPB500	500 ml
	NPB999	1000 ml

Storage: 2° C  8° C



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