ImmunoBioScience Corp. (IBSC) *DATA SHEET*

Fast Red, Super™, Organic solvent stable

**Catalog number:** AR-8211-01 Reagent B buffer 10 ml

Reagent C chromogen, 20 tablets

Reagent S substrate 5 ml

**Description**: Our unique Fast Red Super is an excellent chromogen system that is used in Immunohistochemistry (IHC) and Immunocytochemistry (ICC) with alkaline phosphatase. This chromogen system gives red color and is very compatible with hematoxylin counter stains. This chromogen is **insoluble in alcohol and organic solvents** and can be mounted with aqueous or **organic mounting medium**.

**Intended Use**: Immunohistochemistry (IHC) and Immunocytchemistry (ICC)

**Storage: 2-8°C**

**Mixing of Reagent:**

1. To 4.9 ml of distilled or deionized water in a test tube, add five drops of buffer reagent B, mix well.
2. Add Fast Red tablet (Reagent C), let stand in this solution for 5-10 minutes. Vortex for 3-5 minutes till the entire tablet is dissolved.
3. Add 5 drops of substrate reagent S, mix.

(This ready to use reagent is good for several hours. *The unused solution can be discarded according to city, county, state, province or country’s regulations.*

**Application:** IHC, ICC

1. After alkaline phosphatase reagent, wash slide with buffer and distilled/ deionized water.
2. Add few drops of ready to use Fast Red reagent; incubate at RT or 37ºC for 5-10 minutes.

***The optimum time of incubation for Fast red Super should be determined by the individual lab.***

1. Wash slides 2-5X with buffer, followed by rinsing with distilled/deionized water.
2. Add counterstain compatible with red color. We use hematoxylin for 30-60 seconds, followed by washing with tap water, buffer with pH over 7 to convert purple blue color to blue color.
3. The slide can be mounted with aqueous mounting medium See #6 or organic mounting medium see #7).
4. ***Wash the slide with distilled/deionized water. The slide can be mounted with aqueous mounting medium (we use ImmunoHistoMount cat. # AR-6503; see data sheet)***
5. **Or the slide can be mounted with organic mounting medium. (Dehydrate with increasing % of alcohol, 100% alcohol, followed by limonene, toluene, xylene or any other dehydrating reagent.. (We use Organo/limonene mounting medium cat. # AR-6504, please follow data sheet for mounting medium).**

*Fast Res Super is trade mark of ImmunoBioScience Corp*

*.***Limitation and warranty:** Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

**MSDS:** Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat , gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animals.

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**For research use only, not for use in diagnostic or therapeutic procedures or in vivo use.**

***“in vitro* laboratory products for research”**

Phone: 425 367 4601; Fax: 425 367 4817; cell phone: 425 314 0199

Web site: [www.Immunobioscience.com](http://www.Immunobioscience.com) Email: [baderbo@gmail.com](mailto:baderbo@gmail.com) or [anitaIBSC@aol.com](mailto:anitaIBSC@aol.com)

E-mail: baderbo@gmail.com