

AP-Red Plus Substrate Kit (40x) for Immunohistochemistry

(Concentrated AP-Red Plus Substrate kit for Alkaline phosphatase)

Storage: 2-8°C

Catalog No.: C04-8 8ml + 8ml + 32ml

Intended Use:

AP-Red Plus chromogen/substrate system comes in three concentrated components format. It produces red color precipitate at the site of reaction when react with alkaline phosphatase. AP-Red Plus is soluble in organic solvent. DO NOT dehydrate.

Kit Components:

This product is supplied as concentrated form (40x). After dilution it will produce 320ml of ready-to-use AP-Red solution for staining approximately 3000 slides. Slide number based on using 100µl per tissue section.

Product	Catalog No.	Reagent 1 AP-Red Plus Activator (40x)	Reagent 2 AP-Red Plus Chromogen (40x)	Reagent 3 AP-Red Plus Substrate (10x)
AP-Red Plus kit	C04-8	8ml	8ml	16mlx2

Recommended Protocol:

1. Take out reagent from refrigerator one hour before use. Add 1 drop (50µl) of Reagent 1 (AP-Red Plus Activator) and 1 drop (50µl) of Reagent 2 (AP-Red Plus Chromogen) to a test tube. Mix well and set at room temperature for about 5 minutes.
2. Add 2ml of distilled water to the mixture. Mix well.
3. Add 4 drops (200µl) of Reagent 3 (AP-Red Plus Substrate) and mix well.
4. Completely cover the tissue section with the mixture and incubate for 5-15 minutes.
5. Color development may be monitored under microscope.
6. After proper color development, wash with distill water 2 minutes, 3 times. Proceed counterstaining.
7. AP-Red Plus is soluble in organic solvent. **DO NOT dehydrate.**

Related Products:

Product	Catalog No.	Size
DAB+ Kit (2-component DAB)	C09-12 / C09-100	12ml +240ml / 100ml + 2 L
DAB Kit (20x Concentrate)	C02-100 / C02-12	100ml / 12ml
Fast Red Kit (tablets and ready-to-use substrate)	C03-60	12 Tab + 60ml
AEC kit (20x concentrate)	C01-12	12ml
BCIP/NBT Kit (RTU)	C05-100 / C05-18	100ml / 18ml
GB-Mount (Aqueous)	E01-18	18ml
O-Mount (Organic)	E02-18	18ml
Simpo-Mount (Aqueous)	E03-100 / E03-18	100ml / 18ml
ISH Mount (Aqueous) for in situ hybridization	E21-100	100ml
Fluorescent Mounting Medium	E18-100 / E18-18	100ml / 18ml
Fluorescent Mounting Medium with DAPI	E19-100 / E19-18	100ml / 18ml
Fluorescent Mounting Medium with PI	E20-100 / E20-18	100ml / 18ml

Remarks:

For research use only.