

HISTOLS®-DAB

Chromogen/Substrate System for 200 tests

Catalog # 30014.K

INTENDED USE

In Vitro: This product is intended for qualitative immunohistochemistry with normal and neoplastic, frozen and formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

Description: HISTOLS®- DAB Chromogen / Substrate System was developed for immunohistochemical and in situ-hybridisation staining procedures with horseradish peroxidase (HRP).

DAB (3,3'-Diaminobenzidine) leads to the formation of a dark-brown precipitate at the location of the target antigen.

The precipitate is insoluble in aqueous and organic solvents allowing the use of commonly known mounting media. This chromogen/substrate system is especially useful when a high contrast between the chromogen and counter stain is desired. Compared to standard DAB staining kits the HISTOLS®-DAB Chromogen/Substrate System gives a darker brown color and a higher sensitivity.

MATERIALS PROVIDED

30014.K: HISTOLS®-DAB Chromogen/ Substrate System for 200 tests

20 ml Substrate

1 ml Chromogen

MICROBIOLOGICAL STATE

- **Sterility:** This product is not sterile

METHODS AND PROCEDURES:

The working solution should be prepared freshly at the day of use and is stable for up to 6 hours. Excess working solution should be disposed as hazardous substance.

APPLICATION

- Prepare working solution:
 1. Add 1 drop chromogen to 1 ml substrate.
 2. Mix thoroughly.
- *Note: Typical working concentrations are 50 µl (0.9 mg) DAB per ml substrate buffer. The color intensity can be adjusted by decreasing or increasing the DAB concentration in the working solution. Maximum sensitivity in immunohistochemical staining can be achieved by working concentrations of about 80 µl (1.5 mg) DAB per ml substrate buffer*
- Incubate the slides for 10-20 minutes, control by microscope.
- Stop with DI water and continue the procedure with counterstaining.
- Dehydrate through a graded series of ethanol and clear in xylene.
- Mount with permanent mounting medium.



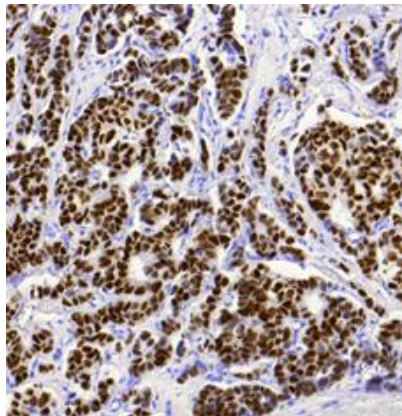
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









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STORAGE AND STABILITY

The reagent is stable when stored at 2-8°C in dark. Do not use after expiration date indicated on the label of the product. If reagent is not stored as recommended, performance must be validated by the user.



Progesterone receptor, breast carcinoma
using HISTOLS®-DAB
Chromogen/Substrate System

	Refer to supplied documentation		Temperature limit		Use-by date	REF	Catalogue number		European Conformity
	Consult instructions for use		Keep away from sunlight	IVD	In vitro diagnostic medical device	LOT	Batch code		Manufacturer
	Danger		Danger		Danger		Danger		

