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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technically Speaking

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DAB Chromogen/Substrate Kit (Liquid Format)

CLSG80106
Lot:

Intended Use:	As a substrate/chromogen in conjunction with peroxidase-based immunostaining systems.
Introduction:	DAB is a widely used chromogen for immunoperoxidase staining and immunoblotting. It has been well accepted amongst pathobiologists because of its superior performance as compared to Amino Ethylcarbazole (AEC). DAB is much more sensitive and gives cleaner background as opposed to AEC. Specimens stained in DAB can be dehydrated in ethanol and cleared in Xylene and can be mounted for permanent record keeping. However, because of its carcinogenic nature, some labs avoid using DAB powder. To resolve this problem, we have designed DAB in liquid format to minimize the exposure of DAB to lab personnel.
Principle:	Peroxidase reacts with 3% hydrogen peroxide substrate to degrade it, which in turn reacts with DAB to precipitate it at the positive sites giving a dark brown colour.
Components/Format:	i) 10mL DAB Chromogen, stable concentrated amber-coloured solution ii) 200ml DAB Substrate buffer, stable clear solution iii) One empty mixing vial
Storage of kit:	Store at 2-8°C. Each component is stable for 18 months from the date of manufacture. Do not use beyond expiration date stated on the label.
Working solution:	Note: The working chromogen solution is stable for 6 hours. Any solution not used after this period should be properly discarded.

In CANADA: Toll Free: 1-800-268-5058
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Transfer 1ml of DAB Substrate buffer to mixing vial. Add 50ul (two drops) DAB Chromogen. Replace the tip and mix.

Procedure:

i) Once tissue sections have been incubated with peroxidase, wash them thoroughly with buffer.

ii) Wipe the glass to remove excess buffer and add enough drops of the working DAB Substrate/chromogen solution to cover the tissue sections.

iii) Incubate for 5-15 minutes at room temperature. For best results, look under the microscope for signal development. Once desired signal to noise ratio is achieved, stop the reaction by washing slides in wash buffer.

Precautions:

DAB has been classified as suspect carcinogen and can cause skin irritation upon contact. Avoid contact with clothes and exposed skin. If accidently contacted, flush with tap water immediately. Follow instructions provided by your local authorities for disposal.

Laboratory Reagent for Research Use Only

RH 08/19/11

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