

Please note this data sheet has been changed effective October 24, 2014

DAB Quanto

INTENDED USE

For In Vitro Diagnostic Use

AVAILABILITY:

<u>Catalog #</u>	<u>Volume</u>
TA-060-QHDX (600 slides)	2 ml DAB Quanto Chromogen (TA-002-QHCX) 60 ml DAB Quanto Substrate (TA-060-QHSX)
TA-125-QHDX (1250 slides)	4 ml DAB Quanto Chromogen (TA-004-QHCX) 125 ml DAB Quanto Substrate (TA-125-QHSX)

DESCRIPTION

3,3' Diaminobenzidine (DAB) is a widely used chromogen for immunohistochemical staining and immunoblotting. The DAB Quanto is an entirely new formula for a diaminobenzidine-based peroxidase substrate that develops faster on tissues sections reducing incubation times. It utilizes novel chemistry to provide greater sensitivity, generating a crisper, darker, insoluble precipitate. The standard working dilution is 30 µl of DAB Quanto Chromogen per 1ml of DAB Quanto Substrate. The use of liquid components reduces some risks associated with the handling of powders or tablets. The DAB Quanto offers an added advantage, as the working solution is stable for up to 2 weeks at 2-8°C and up to a week at room temperature enabling continued use and minimizing waste disposal.

WARNINGS & PRECAUTIONS

Refer to MSDS.

STORAGE & SHELF LIFE

Store at 2-8°C. Each component is stable for up to 24 months. The working solution may be used for up to 2 weeks.

MICROBIOLOGICAL STATE

Product(s) not sterile.

MATERIALS REQUIRED BUT NOT PROVIDED

N/A

SPECIMEN & REAGENT PREPARATION

Refer to Procedure.

PROCEDURE

1. Combine 30 µl (1 drop) of DAB Quanto Chromogen with each 1 ml of DAB Quanto Substrate.
2. Apply mixture to tissue section.
3. Incubate tissue section for 5 minutes.
4. Rinse tissue, counterstain, dehydrate, clear in xylene or xylene substitute, and coverslip.

TROUBLESHOOTING

Please contact Thermo Fisher Scientific Technical Support by phone (1-269-544-5600 or 1-800-522-7270) or by email (lab.reagents@thermofisher.com).

