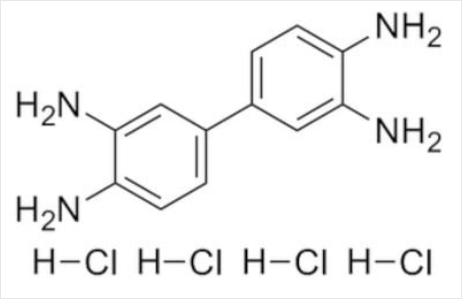
# DAB Accessory Reagent

## PRODUCT OVERVIEW

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| **Product Name** | DAB, Accessory Reagent |
| **Full Product Name** | DAB |
| **Product Gene Name** | DAB accessory reagent |
| **Product Synonym Names** | 3; 3' Diaminobenzidine Tetrahydrochloride |
| **Purity/Purification** | >98% |
| **Preparation and Storage** | Store lyophilized at -20°C, keep desiccated. In lyophilized form, the chemical is stable |
| **Molecular Weight** | 360.11 |
| **Formula** | C12H18Cl4N4 |
| **SMILES** | NC1=CC=C (C2=CC=C (N)C (N)=C2)C=C1N.[H]Cl.[H]Cl.[H]Cl.[H]Cl |
| **CAS Number** | 7411-49-6 |
| **Related Product Information for DAB accessory reagent** | MBS3845768 is an accessory reagent targeting DAB. |
| **Other Notes** | Small volumes of DAB accessory reagent vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Chemical Structure (ST) of DAB accessory reagent**
DAB (3,3' Diaminobenzidine Tetrahydrochloride) is an organic compound that is both chemically and thermodynamically stable; DAB has been used in immunohistochemical staining of nucleic acids and proteins.

| Concentration / Solvent Volume / Mass | 1 mg | 5 mg | 10 mg |
|---|---|---|---|
| 0.1 mM | 27.77 mL | 138.85 mL | 277.69 mL |
| 0.5 mM | 5.55 mL | 27.77 mL | 55.54 mL |
| 1 mM | 2.78 mL | 13.88 mL | 27.77 mL |
| 5 mM | 0.56 mL | 2.78 mL | 5.55 mL |

*The above data is based on the productmolecular weight 360.11. Batch specific molecular weights may vary from batch to batch due to solvent of hydration, which will affect the solvent volumes required to prepare stock solutions.

**Testing Data (TD) of DAB accessory reagent**
Preparing Stock Solutions

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DAB. It may not necessarily be applicable to this product.

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| **Protein Family** | Protein disabled |
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