

Other HDX Products

The list below are recommended items for use with your instrument and consumables kit. We do not currently supply these items. For convenience we have listed part #'s and links where they can be purchased.

Columns

Description	Part Number
Trap column Trap Holder Uniguard™ Direct-Connection Guard Cartridge Holder	Thermo Scientific™ # 851-00
Analytical column Hypersil™ gold column, 50x1mm, 1.9um column	Thermo Scientific™ # 25002-051030

Tubing and Loops

Description	Part Number
150 um x 150 mm	Thermo Scientific™ # 6041.5818
150 um x 350 mm	Thermo Scientific™ # 6041.5820
150 um x 750 mm	Thermo Scientific™ # 6041.5823
150 um x 1100 mm	Thermo Scientific™ # 6041.5828
100 um x 150 mm	Thermo Scientific™ # 6041.5811
75 um x 150 mm	Thermo Scientific™ # 6041.5127
75 um X 950 mm	Thermo Scientific™ # 6041.5128
Viper Union	Thermo Scientific™ # 6040.2304

Sample, Buffers, and Solvents

Protein Sample: 0.4 mg/ml Equine Cytochrome-C, in water
Exchange Reagent: Deuterium Oxide
Quenching Buffer: 1.8 M Guanidine Hydrochloride, 0.8 % Formic Acid
Pepsin Wash Buffer: 0.9 M Guanidine Hydrochloride, 0.8 % Formic Acid
LC Solvents: Solvent A: Water, 0.05 % Trifluoroacetic Acid OR 0.1% Formic Acid, ~2.5 pH
Solvent B: 95 % Acetonitrile, with 5 % Solvent A (giving 0.0025 % Trifluoroacetic Acid OR 0.005 % Formic Acid)
~2.5 pH NOTE: All materials should be Ultra High Purity, LC/MS Grade or above.

Protein and Buffer order detail

Description	Part Number
Cytochrome c from equine heart	Sigma-Aldrich® # C7552
Guanidine hydrochloride solution	Sigma-Aldrich® # G7294
Deuterium Oxide (D ₂ O)	Sigma-Aldrich® # 151882
Citric Acid	Sigma-Aldrich® # 251275
Hepes	Sigma-Aldrich® # H3375
Formic Acid	Thermo Scientific™ # 28905
Trifluoroacetic acid, 99% (TFA)	Thermo Scientific™ # L06374.AC

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