

EVERY TOOL FOR YOUR BIO SEPARATION NEEDS



Buy an analytical BioClass column (2.1, 3.0, 4.6 mm ID) and get a free 3-pack BioClass guard column and guard column holder!*

The **HALO BioClass column family** consists of the following products that are designed for specific areas of bioseparations:

- **HALO Protein** – ideal for intact proteins, monoclonal antibodies, biosimilars and antibody drug conjugates
- **HALO Peptide** – ideal for peptide mapping, therapeutic peptides, biomarkers and synthetic protein drugs
- **HALO Glycan** – ideal for complex mixtures of glycans and glycoproteins
- **HALO Guard** – ideal to prolong the life of your BioClass analytical column

 **infocroma ag**

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HALO
BIOCLASS

 **advancedmaterialtechnology**
www.advanced-materials-tech.com

*Limit of one guard column system per customer.

Prolong the Life of Your BioClass Columns

HALO HPLC and UHPLC guard columns utilize the latest in column protection technology to provide convenient, cost-effective protection for HALO BioClass analytical columns. These finger-tight, direct-connect units are easy to use, maintain ultra-low peak dispersion and are safe to operate at pressures up to 1,000 bar.

Get every tool you need for your lab. Order your analytical column today and receive a free guard column and guard column holder.

HALO PEPTIDE COLUMNS

Dimensions ID x Length (in mm)	HALO 2.7 Peptide ES-C18	HALO 2.7 Peptide ES-CN	HALO-5 Peptide ES-C18	HALO-5 Peptide ES-CN
2.1 x 20	92122-202	92122-204	95122-202	95122-204
2.1 x 30	92122-302	92122-304	95122-302	95122-304
2.1 x 50	92122-402	92122-404	95122-402	95122-404
2.1 x 75	92122-502	92122-504	95122-502	95122-504
2.1 x 100	92122-602	92122-604	95122-602	95122-604
2.1 x 150	92122-702	92122-704	95122-702	95122-704
2.1 x 250	92122-902	92122-904	95122-902	95122-904
3.0 x 20	92123-202	92123-204	95123-202	95123-204
3.0 x 30	92123-302	92123-304	95123-302	95123-304
3.0 x 50	92123-402	92123-404	95123-402	95123-404
3.0 x 75	92123-502	92123-504	95123-502	95123-504
3.0 x 100	92123-602	92123-604	95123-602	95123-604
3.0 x 150	92123-702	92123-704	95123-702	95123-704
3.0 x 250	92123-902	92123-904	95123-902	95123-904
4.6 x 20	92124-202	92124-204	95124-202	95124-204
4.6 x 30	92124-302	92124-304	95124-302	95124-304
4.6 x 50	92124-402	92124-404	95124-402	95124-404
4.6 x 75	92124-502	92124-504	95124-502	95124-504
4.6 x 100	92124-602	92124-604	95124-602	95124-604
4.6 x 150	92124-702	92124-704	95124-702	95124-704
4.6 x 250	92124-902	92124-904	95124-902	95124-904
Guard Columns, 3-pack				
Dimensions ID x Length (in mm)	HALO 2.7 Peptide ES-C18	HALO 2.7 Peptide ES-CN	HALO-5 Peptide ES-C18	HALO-5 Peptide ES-CN
2.1 x 5	92122-102	92122-104	95122-102	95122-104
3.0 x 5	92123-102	92123-104	95123-102	95123-104
4.6 x 5	92124-102	92124-104	95124-102	95124-104
Guard Column Holder 94900-001				

HALO PROTEIN COLUMNS

Dimensions (in mm)	HALO Protein C4	HALO Protein ES-C18
2.1 x 20	93412-214	93412-202
2.1 x 30	93412-314	93412-302
2.1 x 50	93412-414	93412-402
2.1 x 75	93412-514	93412-502
2.1 x 100	93412-614	93412-602
2.1 x 150	93412-714	93412-702
3.0 x 20	93413-214	93413-202
3.0 x 30	93413-314	93413-302
3.0 x 50	93413-414	93413-402
3.0 x 75	93413-514	93413-502
3.0 x 100	93413-614	93413-602
3.0 x 150	93413-714	93413-702
4.6 x 20	93414-214	93414-202
4.6 x 30	93414-314	93414-302
4.6 x 50	93414-414	93414-402
4.6 x 75	93414-514	93414-502
4.6 x 100	93414-614	93414-602
4.6 x 150	93414-714	93414-702
Guard Columns, 3-pack		
Dimensions (in mm)	HALO Protein C4	HALO Protein ES-C18
2.1 x 5	93412-114	93412-102
3.0 x 5	93413-114	93413-102
4.6 x 5	93414-114	93414-102
Guard Column Holder 94900-001		

HALO GLYCAN COLUMNS

Dimensions (in mm)	HALO Glycan
2.1 x 50	92922-405
2.1 x 100	92922-605
2.1 x 150	92922-705
4.6 x 50	92924-405
4.6 x 100	92924-605
4.6 x 150	92924-705
Guard Columns, 3-pack	
Dimensions (in mm)	HALO Glycan
2.1 x 5	92922-105
4.6 x 5	92924-105
Guard Column Holder 94900-001	



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