

Required consumables for success solution for the M5 MicroLC system

Our training courses follow the proven spaced learning approach to maximize learning retention. This training course includes a unique blend of self-paced eLearning, instructor led and hands-on exercises provided at the customer site. For this training to be successful, the LC-MS system must be installed and configured before the training.

Table 1 lists the parts that you are required to provide for use during the training course. Some of these were supplied in the shipping kits for the M5 MicroLC system. The course includes consumables for use during the training as shown in **Table 2**. Please consult with your application scientist to make sure that the consumables are available on-site prior to the delivery of your training.

Table 1: Required consumables supplied by the customer

Description	Part number	Quantity	Needed for	Supplied in
Chemicals				
LC-MS grade water with 0.1% formic acid	5045751	2L	Direct inject and trap elute	N/A
LC-MS grade acetonitrile with 0.1% formic acid	00B-4496-AF	2L	Direct inject and trap elute	N/A
Acetic Acid	AJ1-2294		PepCal sample preparation	N/A
Columns				
Phenomenex 50 x 0.3 mm Kinetex 2.6 μ m XB-C18	00B-4496-AC (Phenomenex)	1	Direct inject and trap elute	M5 MicroLC shipping kit
Phenomenex 20 x 0.3 mm Luna C18 (2) 5 μ m	05M-4252-AC (3 pk, Phenomenex)	1	Trap Elute	M5 MicroLC shipping kit
Loops, tubing and fittings				
5 μ L PEEKSil sample loop	5017799	1	Direct inject	M5 MicroLC shipping kit
50 μ L stainless steel sample loop	5040770	1	Trap elute	M5 MicroLC shipping kit
50 μ m x 75 cm SecurityLink	AJ1-2294 (Phenomenex)	1	Connects valve to column	M5 MicroLC shipping kit
50 μ m x 15 cm SecurityLink	AJ1-2224 (Phenomenex)	2	Connects trap to valve	M5 MicroLC shipping kit
PEEKsil 10 cm	205-00069	2	Connects pump to valve	M5 MicroLC shipping kit

Table 2: Required consumables included in the course

Description	Part number	Quantity	Needed for
PepCal sample	5045751	1	Direct inject and trap elute
LC/MS Peptide calibration kit	4465867	1	Infusion (source and gas optimization)

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