



BioHub[®] S Series

Single-use Needle Sampling Bag

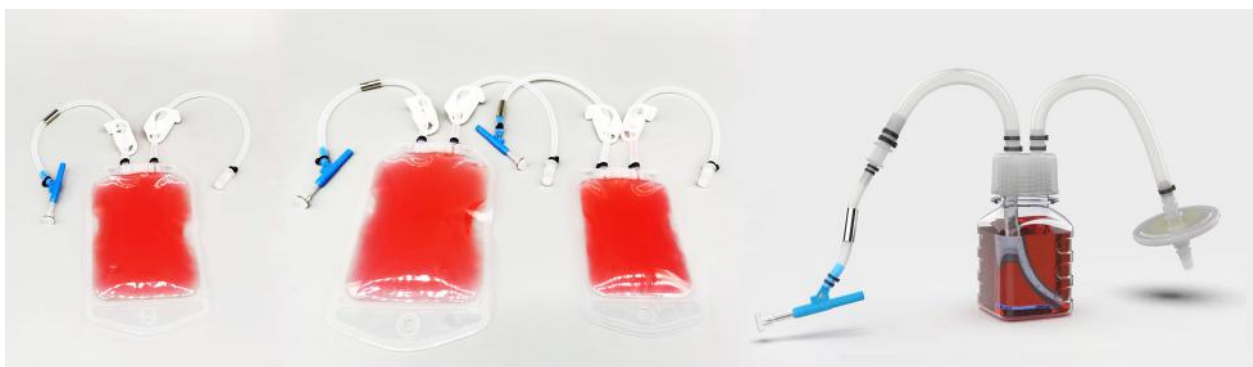


BioHub® S Single-use Needle Sampling Bag

Product sampling is a necessary and critical step for cell culture and other operations in biopharmaceutical processes. Samples collected through BioHub® S series sampling bags can be used to determine critical purity attributes, such as sterility, endotoxin levels and bioburden, and important parameters for culture, such as metabolites, nutrient levels, pH, and osmolarity. The BioHub® S series single-use needle sampling systems provide a pre-assembled single-use sampling solution.

BioHub® SP Single-use Sampling Bag

It is specially designed for sampling operations at different stages of the biopharmaceutical production process, and can be used for in-process monitoring of buffer storage, medium preparation, product collection and analysis, and other process steps. The product is sterilized by irradiation to help reduce the risk of residual contamination and ensure safe processing.



Features:

- Two forms are available: sampling bags and sampling bottles;
- The capacity ranges from 50 mL to 1 L for sampling bags, and from 20 mL to 250 mL for sampling bottles;
- The 2 mm needle can accommodate the sampling needs for different types of liquids in the entire biopharmaceutical process;
- The material-liquid contact layer of sampling bags is made of ULDPE, and that of sampling bottles is made of PC, both meeting the standard in biopharmaceuticals;
- High transparency and good compatibility;
- Integrated injection molding for needles and pipelines ensures excellent airtightness, sterility and safety;
- Sufficient validation documents are available to ensure safety in use;
- The sampling bags can be used at -80 to 60 °C, and the sampling bottles can be used at -80 to 121 °C;
- Pressure tolerance: 0.5 bar for single-needle, single-bag products, 0.3 bar for single-needle, 5-bag products;
- Customizable.

What's covered by validation documents:

- 100% integrity testing
- USP<665>, Extractables testing
- Chemical compatibility
- USP <88>, Class VI plastics
- USP <87>, Cytotoxicity
- USP <788>, Insoluble particles
- USP<85>, Bacterial endotoxin testing
- ISO 11137, Sterility testing
- ISO 10993-4, Hemolysis testing

Ordering Information:

Sampling bag

Product Code	Pack Size	Capacity	Inlet pipeline	Outlet pipeline
ESP05D1H7MBG	50/box	50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a plain male Luer connector and cap
ESP10D1H7MBG		100 mL		
ESP25D1H7MBG		250 mL		
ESP50D1H7MBG		500 mL		
ESP01L1H7MBG		1000 mL		
ESP05D1H7LBG	50/box	50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a needle-less sampling valve
ESP10D1H7LBG		100 mL		
ESP25D1H7LBG		250 mL		
ESP50D1H7LBG		500 mL		
ESP01L1H7LBG		1000 mL		
ESP05D1H7NBG	50/box	50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a single-needle sampling valve
ESP10D1H7NBG		100 mL		
ESP25D1H7NBG		250 mL		
ESP50D1H7NBG		500 mL		
ESP01L1H7NBG		1000 mL		
ESP05D1H7WBG	50/box	50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a dual-needle sampling valve
ESP10D1H7WBG		100 mL		
ESP25D1H7WBG		250 mL		
ESP50D1H7WBG		500 mL		
ESP01L1H7WBG		1000 mL		
ESP05D5H7MBG	5/box	5 × 50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a plain male Luer connector and cap
ESP10D5H7MBG		5 × 100 mL		
ESP25D5H7MBG		5 × 250 mL		
ESP05D5H7LBG	5/box	5 × 50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 28 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a needle-less sampling valve
ESP10D5H7LBG		5 × 100 mL		
ESP25D5H7LBG		5 × 250 mL		
ESP05D5H7NBG	5/box	5 × 50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 31 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a single-needle sampling valve
ESP10D5H7NBG		5 × 100 mL		
ESP25D5H7NBG		5 × 250 mL		
ESP05D5H7WBG	5/box	5 × 50 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 34 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a dual-needle sampling valve
ESP10D5H7WBG		5 × 100 mL		
ESP25D5H7WBG		5 × 250 mL		
TSLHE0507MSP	50/box	NA	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 50 cm in length, with a metal ring for sterile disconnection and a male Luer connector and cap at the end	
TSLCE0507MSP		NA	2 mm needle, C-Flex tube, 3.2 mm (ID) × 6.4 mm (OD), 50 cm in length, with a male Luer connector and cap at the end	
TSLTE0507MSP		NA	2 mm needle, PVC tube, 3.2 mm (ID) × 6.4 mm (OD), 50 cm in length, with a male Luer connector and cap at the end	

Ordering Information:

Sampling bottle

Product Code	Pack Size	Capacity	Inlet pipeline	Outlet pipeline
CSP02D1H7VBT	50/box	20 mL		
CSP05D1H7VBT	40/box	50 mL		
CSP13D1H7VBT	25/box	125 mL		
CSP25D1H7VBT	20/box	250 mL	2 mm needle, silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a metal ring for sterile disconnection	Silicone tube, 3.2 mm (ID) × 6.4 mm (OD), 25 cm in length, with a respirator
CSP02D5H7VBT	10/box	5 × 20 mL		
CSP05D5H7VBT	5/box	5 × 50 mL		
CSP13D5H7VBT	4/box	5 × 125 mL		
CSP25D5H7VBT	3/box	5 × 250 mL		

Plug

Product	Description	Size	Pack Size
PLUG2MM001	Sampling base plug	2 mm	100/pk

BioHub® SI Sterile Sampling Base

BioHub® SI base is equipped with 5 fully sealed lines for separate sampling. Its unique design helps to avoid cross-contamination and sample contamination, eliminating the risk of false positive or ambiguous results.



Features:

- Airtight sterile sampling;
- Pre-assembled for immediate use;
- Easy to use and ergonomic;
- Can be integrated into autoclave-resistant process equipment for SIP;
- Compatible with Merk's NovaSeptum® sampling system;

Product parameters:

Sampling support	SS304
Surface roughness	Ra ≤ 0.5 a
Design temperature of the base	-80-150 °C
Design pressure of the base	≤ 6 bar
Packaging form	All open ends are protected with plastic caps and the support is pre-assembled and packaged in a closed box.

Ordering Information:

Name	Product Code
5-pore sterile sampling base	SILCE0005MSP

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About BioLink

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Document No.: BLK-BR-20240628-01-EN