

Manual CellSearch Waste collection

CellSearch Waste collection

Manual procedure



Figure 1 Manual waste collection from the CellSearch Autoprep by unscrewing the top from the waste container (left) and collecting the sample in a 50 mL Greiner tube.

1. Add 1 mL 0.2M EDTA (pH 7.6) to 50 mL Greiner tubes that will collect samples to prevent coagulation.
2. For manual collection of the CellSearch Autoprep Waste, unscrew the top of the waste container (see Figure 2, left).
3. When you see the blood coming out of the Autoprep into the tubing, place a 50 mL Greiner tube under the outlet (see Figure 2, right). The waste can exit the tube at a high flow rate and therefore it is advised to start with a larger container to get some practice. Take proper precautions. Stop collecting the sample when you see red blood cells are gone from the waste tubing and Instrument Buffer is discarded. Usually, the amount of volume collected is between 25 mL and 35 to 40 mL. Sometimes very diluted blood comes through, be careful not to keep collecting for too long and overflow the tube, or to start collecting the next sample in the previous sample tube.

Time line for sample collection

This table lists the approximate time (in minutes) of CellSearch Autoprep Waste sample exiting the waste tube and arriving at the Waste Collection Device.

Total samples in run \ Sample number	1	2	3	4	5	6	7	8
1	60.7							
2	63.6	73.9						
3	66.1	76.4	88.7					
4	68.6	78.7	91.1	102.8				
5	71.0	81.2	93.5	105.2	118.2			
6	73.4	83.7	96.1	107.8	120.8	133.7		
7	76.0	86.3	98.7	110.4	123.4	136.3	149.3	
8	78.6	88.9	101.3	113.0	126.1	139	151.9	164.9