

Please refer to your RoboSepTM-S Technical Manual (Document #29792) for detailed operating instructions.

(1) Start Up RoboSep[™]-S

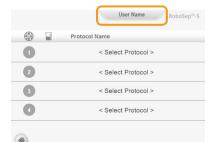
Start up RoboSep[™]-S using the power switch on the front of the instrument. The green LED will light up and the RoboSep[™]-S logo will appear on the touchscreen during start-up.

Note: The main power switch located on the back of the instrument must first be in the ON position.



(2) Select Desired User Profile

A. Select the user profile tab at the top of the screen to select a user profile.



B. Select an existing user profile.

OR

Create a new user profile. Press () [Add user profile], enter a unique username and select () [Save].





3 Select Desired Protocol(s)

Note: Ensure that all protocols needed for the run are listed under the My Protocols tab before assigning the first protocol. To add protocols, go to the Home screen () [Home screen], and select () [Protocols]. Go to the All protocols tab and select the desired protocol(s) and press () [Add protocol].

A. Select <Select Protocol> to assign a separation protocol to each carousel quadrant as necessary.

 B. Select the desired protocol under the My Protocols tab and press () [Next].

C. Type the sample volume and press Enter.

	Use	er Name	Rol	boSep™-S	
My Protocols	All Protocol	s	٦	lise	Name RohoSer
Search		My F	Protocols	All Protocols	Notice Production
Human B Cell Negativ	ve Selection 19054	Search Human Na	ive B Cell Negative	Selection 19254 - (
Human Naive CD4+ T	Cell Isolation 19555	Human Na	ive B Cell Negative	e Selection 19264 -	
Human T Cell Negativ	re Selection 19051HLA	Human Na	ive CD4+ T Cell Is		
		Human Na	+	egative Selection 19	155-high punty
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	Use	er Name	Ro	boSep™-S	
۲	Protocol Name				
0	< Select I	Protocol	>)	
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	tive Selection 19054				
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			((\rightarrow)	
	Us	er Name	R		
My Protocols	Sample Volume				
Search	50 uL/mL cocktail, 50 uL/mL par min incubation(s), 5 min separat			90	
Human B Cell Neg	Enter a volume between 0.25 ml	and 8.5 mL 5			
Human Naive CD4	7 8 9	Clear			
Human T Cell	4 5 6	Cancel			
		Enter			
6	•			(\rightarrow)	

D. Repeat steps 3A - C to assign protocols to the remaining quadrants as needed, and then press () [Next].



4 Load Carousel

Follow the onscreen guide to load reagents, samples, tubes and tip racks correctly. Press [Load next quadrant] to proceed to the next quadrant.

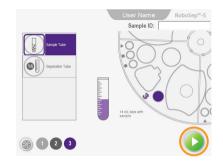
Notes:

- Remove tip rack lids, and caps from all vials, bottles and tubes.
- · Verify correct placement of magnet shields.

5 Start Cell Separation

Once the carousel is fully loaded, press 🕟 [Run] to begin separation.

Note: Automatic autoscanning of vial barcodes is the default setting. To manually scan the barcodes, change the default setting in the (a) [Preferences] section and press (a) [Barcode scanner] on the Carousel Loading screen.





6 Unload Carousel

Upon run completion, press (a) [Unload] to collect your isolated cells.

 User Name
 RoboSep*-5

 Run Progress
 00%
 Completel

 1
 100%
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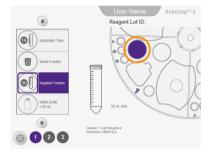
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Note: The location of your isolated cells will be indicated on the Carousel Unloading screen.

(7) Shut Down RoboSep[™]-S

Select (1) [Power] on the Home screen and wait until the touchscreen shuts off. Turn off the power switch on the front of the instrument.



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