

Please refer to your RoboSep<sup>TM</sup>-S Technical Manual (Document #29792) for detailed operating instructions.

## (1) Start Up RoboSep<sup>™</sup>-S

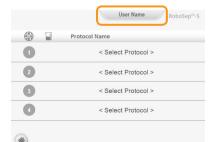
Start up RoboSep<sup>™</sup>-S using the power switch on the front of the instrument. The green LED will light up and the RoboSep<sup>™</sup>-S logo will appear on the touchscreen during start-up.

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				
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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.

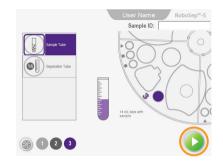
### Notes:

- 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%
 Completel

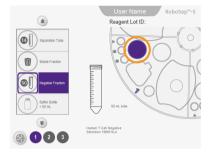
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Note: The location of your isolated cells will be indicated on the Carousel Unloading screen.

## (7) Shut Down RoboSep<sup>™</sup>-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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