

HANABI-CI 4.0

Automated Cell Isolator System



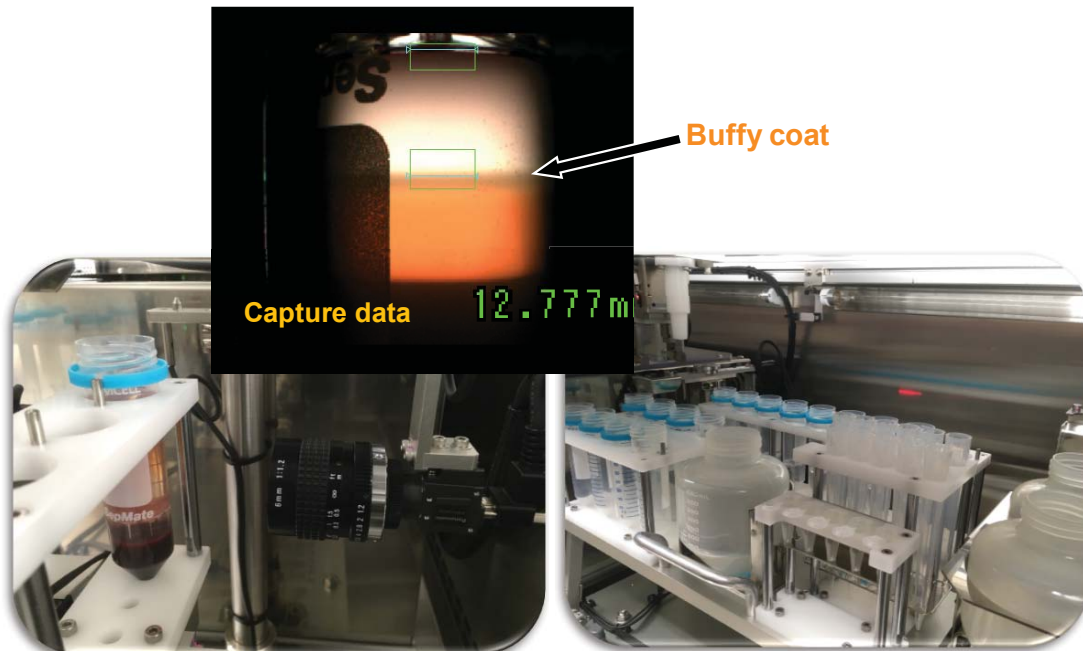
ADS Biotec introduces the HANABI-CI 4.0 Automated Cell Isolator System offering consistent isolation of peripheral blood mononuclear cells (PBMCs).

The HANABI-CI 4.0 simplifies the cell isolation process from peripheral or apheretic blood utilizing precise aspiration driven by state-of-the-art, high definition camera layer recognition technology. This proprietary operation ensures the extraction of just the cells of interest. The system fully automates the PBMC isolation process eliminating variability inherent in manual methods. This allows fully unattended isolation of samples. The enriched cells are ready to use for downstream applications in cell therapy.

The HANABI-CI 4.0 is capable of processing 15ml to 120ml of whole blood from a single patient in 1.5hrs. The system features an integrated Class II clean bench cabinet with ultraviolet irradiation to ensure contamination-free processing, maintaining the run to run integrity of each sample.

Features and Benefits

- Self-contained Environment
- UV Sterilization
- Unique Layer-Identification Camera
- Single sample processing
- Optimized Single Use Consumables
- High-Quality Sample Preparation
- Touch screen operator's panel

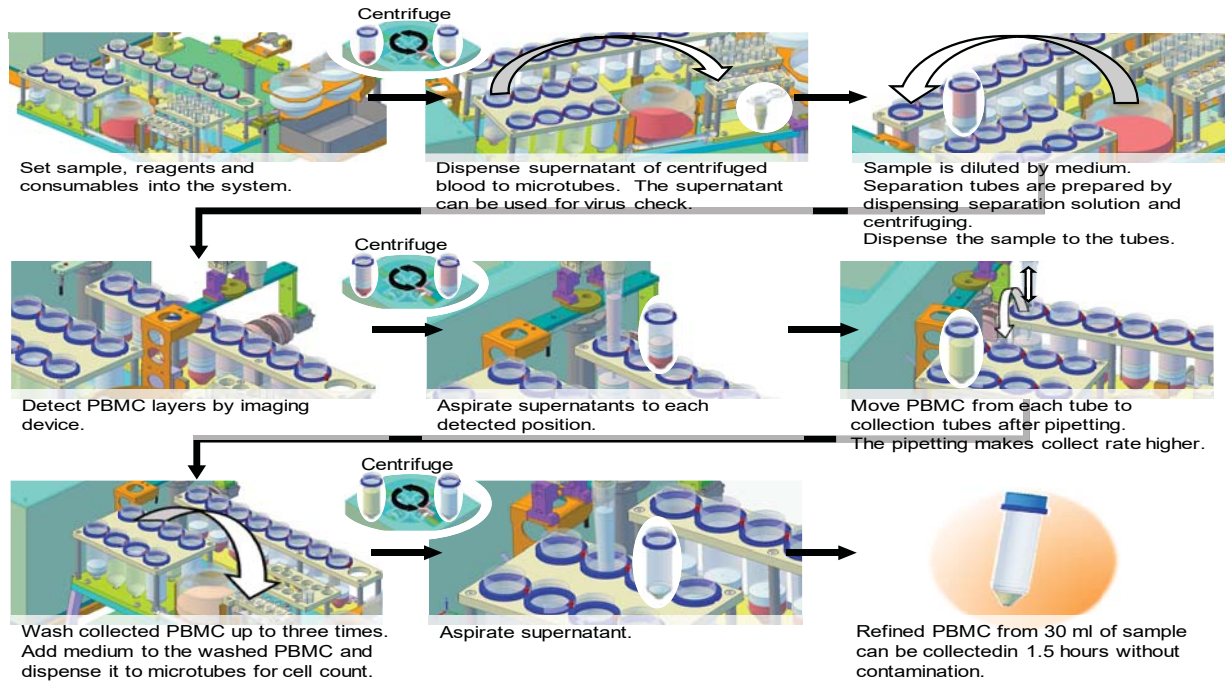


Increased Productivity with High Quality and Consistency

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Cell Isolation Protocol



Specifications

#	Items	Specifications	Remarks
1	Sample	Peripheral blood 15-120ml	Need 1 separation tube every 15 ml of sample
2	Reagent	Separation solution, medium for diluting and washing sample, sterilized water	
3	Processing Time	Approximately 1.5 hours (30 ml of sample)	
4	Relative Centrifuge Force	1200 G (Maximum)	
5	Body	Bio Safety Cabinet ISO 2	ISO 14644-1 Class 2 <10 particles/m ³ of 0.3um particles
6	Centrifuge Temperature	Room temperature	No temperature controller
7	Use Environment	Operating: 15-30 degrees Celsius, 20-60% RH, 0.80-1.14 Bar Storage: 0-40 degrees Celsius, 0-95% RH, 0.80-1.14 Bar	Non-condensing Elevation below 2000 m
8	Input	100-120 V AC or 200-240 V AC, 50/60 Hz	Need factory setting for voltage
9	Power Consumption	1500 W	
10	Dimension	1300 x 2005 x 860 (W x H x D)	
11	Weight	Approximately 500 kg	
12	Safety Standards	CE marking	EMC: EN61326-1 (TBA) LVD: EN61010-1 (TBA)

Ordering Information

Product Description	Catalog Number
HANABI-CI 4.0 Automated Cell Isolation System	HCLH-99-0004-A