

Cell Count Report Example after PBMC Isolation

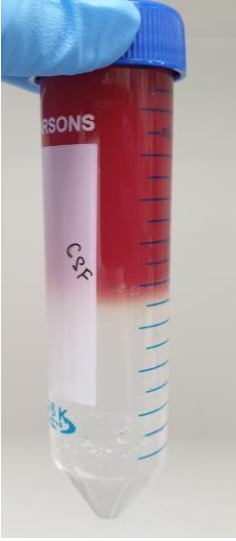

Flowchart

This document is used by Vamos overseas laboratories as a Reference Guide and presents an example of a Cell Count Report received from a hospital.

Sample ID	XXXXXXXXXX	Processed by	SE
IC	XXXXXXXXXXXXXXXXXX	Received Date	27/10/20
DOB	9/12/1963	Processed Date	27/10/20

PBMC ISOLATION	
Process	(Patient's Name)
Sample received	
Blood volume	 <p style="text-align: center;">Approximately 200ml (Apheresis Blood)</p>

Cell Count Report Example after PBMC Isolation

<p>Density centrifugation (before)</p>	
<p>Density centrifugation (after)</p>	

Cell Count Report Example after PBMC Isolation

ISOLATION RESULT	
(Patient's Name)	
Cell count & Viability	<pre> Cell Count Report ===== File name: PBMC_CSF_50ML_A Date: 27 Oct., 2020 17:20 Cell count results ----- [Total]: 1.83x10e7 cells/mL [Live]: 1.71x10e7 cells/mL [Dead]: 1.12x10e6 cells/mL Viability: 93.8 % Avg. size: 10.6 um Total #: 3847 cells Live #: 3610 cells Dead #: 237 cells Dil. factor: 2 Protocol ----- Protocol name: PBMC Noise reduction: 5 Live cell sensitivity: 7 Roundness: 60 Min. cell size: 3 Max. cell size: 30 Size gating: 3 ~ 30 um ===== Cell Count Report ===== File name: PBMC_CSF_50ML_B Date: 27 Oct., 2020 17:29 Cell count results ----- [Total]: 2.06x10e7 cells/mL [Live]: 1.93x10e7 cells/mL [Dead]: 1.37x10e6 cells/mL Viability: 93.4 % Avg. size: 9.9 um Total #: 4349 cells Live #: 4060 cells Dead #: 289 cells Dil. factor: 2 Protocol ----- Protocol name: PBMC Noise reduction: 5 Live cell sensitivity: 7 Roundness: 60 Min. cell size: 3 Max. cell size: 30 Size gating: 3 ~ 30 um ===== </pre> <p>Total Live Cell : 1,700 million Viability : 93%</p>
Cryopreservation	<pre> Storage quantity : 50 million cells in 1.5ml freezing media Total vials : 18 cryovials Storage quantity : 25 million cells in 1.5ml freezing media Total vials : 32 cryovials Freezing media : 90% FBS 10% DMSO Storage condition : Stored in -80°C (1 day) Move to cryotank after 1 day </pre>



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