

# mPBMC Certificate of Analysis



Report No. : COA-MY-S-2511007-01

Catalog Number:mPB005C-CB(5 million/vial)、mPB010C-CB(10 million/vial)、mPB020C-CB(20 million/vial)、mPB025C-CB(25 million/vial)

Lot Number:CB25S007C

Source	PBMCs was collected from C57BL/6N mouse
Storage condition	-196 °C liquid nitrogen
Shelf life	5 years
Appearance	The outer packaging label remains intact without damage or liquid leakage, presenting as a colorless suspension with no visible foreign matter.

## Flow Cytometry Analysis

Target	Purpose	Gate	Result (%)	Specification	Conclusion
CD45+	Leukocyte	in Cells	99.36	≥90.00%	Qualified
Ly-6C	Monocytes	in CD45+	9.02	Measured value	N/A
CD3+	T Cells		26.22		
CD19+	B Cells		36.36		
CD56+	NK Cells		6.56		
CD4+CD8-	Helper T cells	in CD3+	64.38		
CD4-CD8+	Cytotoxic T cells		27.95		

Note : Cryopreserved cells must be thawed strictly according to the manufacturer's instructions to ensure cell viability. Repeated freeze-thaw cycles are strictly prohibited.

## Physico-chemical tests

Test	Result	Specification	Conclusion	
Cell viability (%)	86.2	≥70.0	Qualified	
Number (*10 <sup>6</sup> Cells)	5 million/vial	7.40	≥5.00	Qualified
	10 million/vial	14.80	≥10.00	Qualified
	20 million/vial	29.60	≥20.00	Qualified
	25 million/vial	37.00	≥25.00	Qualified

## Microbial tests

Test	Result	Specification	Conclusion
Mycoplasma	Negative	Negative	Qualified
Sterility	Sterile	Sterile	Qualified

Batch release :	<input checked="" type="checkbox"/> Qualified		<input type="checkbox"/> Unqualified	
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## Annex :

