



MaxSortin® Series of Cell Separation Magnetic Beads

Product Application Areas

T cell separation

- MaxSortin® CD3 beads
- MaxSortin® CD4 beads
- MaxSortin® CD8 beads
- MaxSortin® TCR Vδ1 beads
- MaxSortin® TCRγδ beads ★
- MaxSortin® TCRαβ beads ★

Monocyte separation

- MaxSortin® CD14 beads

NK separation

- MaxSortin® CD56 beads ★

Hematopoietic stem cell separation

- MaxSortin® CD34 beads ★

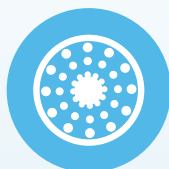
Plasma cell separation

- MaxSortin® CD138 beads ★

Leukocyte separation

- MaxSortin® CD45 beads ★

★ Coming Soon



50nm particle size



Humanized modified antibodies with reduced immunogenicity



Biodegradable, high safety



RUO & GMP, easy transfer from R&D to CMC



Compatible with column-free cell separation



Flexible specifications



Cost-saving

Product Performance

T cell Separation

Figure 1. T cell isolated from peripheral blood mononuclear cells (PBMC) using MaxSortin® CD4 beads and MaxSortin® CD8 beads. (A) RUO grade (B) GMP grade.

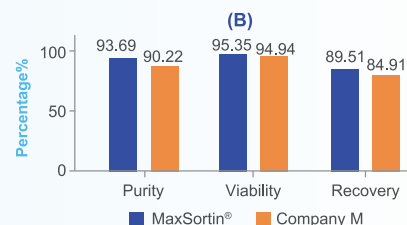
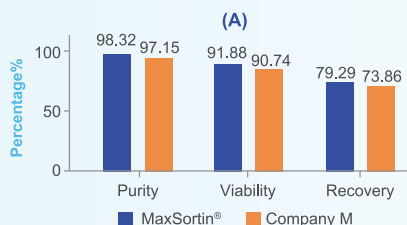
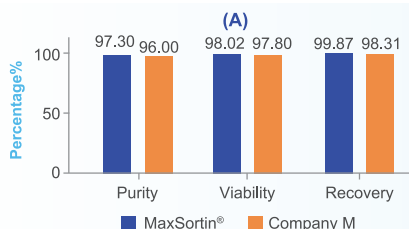
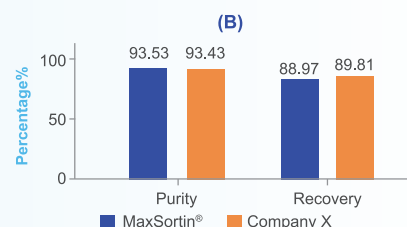
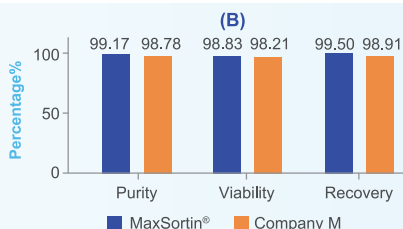
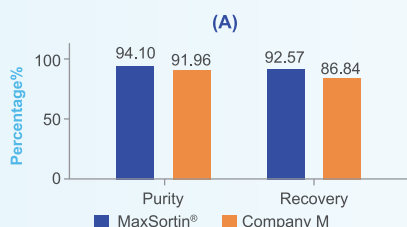


Figure 2. CD3+T cell isolated from peripheral blood mononuclear cells (PBMC) using MaxSortin® CD3 beads (RUO grade). (A) Enrichment (B) Depletion.



Monocyte Separation

Figure 3. Monocyte isolated from peripheral blood mononuclear cells (PBMC) using MaxSortin® CD14 beads. (A) Monocyte separation with column (B) Column-free sorting, using the MARS® Bar platform.



Product Specification

Product Name	Grade	Cat.No.	Size	Capacity
MaxSortin® CD3 Separation Magnetic Beads	RUO	TL-622	2mL	For 1 × 10 ⁹ total cells
MaxSortin® CD4 Separation Magnetic Beads		TL-623	2mL	
MaxSortin® CD8 Separation Magnetic Beads		TL-624	2mL	
MaxSortin® CD14 Separation Magnetic Beads		TL-625	2mL	
MaxSortin® CD138 Separation Magnetic Beads		TL-811-1000	1mL	
MaxSortin® TCRαβ Separation Magnetic Beads		TL-810-1000	1mL	
MaxSortin® CD3 Separation Magnetic Beads	GMP	GMP-TL622-5000	5mL	For 1 × 10 ¹⁰ total cells
MaxSortin® CD4 Separation Magnetic Beads		GMP-TL623-2000	2mL	
MaxSortin® CD8 Separation Magnetic Beads		GMP-TL624-2000	2mL	
MaxSortin® CD14 Separation Magnetic Beads		GMP-TL625-2000	2mL	
		GMP-TL625-2000PACK	2mL × 10vials	For 1 × 10 ⁹ total cells For 1 × 10 ¹⁰ total cells
MaxSortin® CD3 Separation Kit	RUO	TL-622KIT	1KIT	For 1 × 10 ⁹ total cells
MaxSortin® CD4 Separation Kit		TL-623KIT	1KIT	
MaxSortin® CD8 Separation Kit		TL-624KIT	1KIT	
MaxSortin® CD14 Separation Kit		TL-625KIT	1KIT	
MaxSortin® CD138 Separation Kit		TL-811KIT	1KIT	
MaxSortin® TCRαβ Separation Kit		TL-810KIT	1KIT	
ActCel T Cell Activation Reagent	GMP	GMP-TL6001-1000	1mL	Up to 2 × 10 ⁸ T cells, or 4 × 10 ⁸ PBMC cells
MaxSortin® Cell Separation Buffer	RUO	TL-6001-1000	1mL	
MaxSortin® L-Type Separation Column		MS-BF100	100mL	Coming soon
MaxSortin® CD56 Separation Magnetic Beads		MS-CL01	1vial	
MaxSortin® CD34 Separation Magnetic Beads				
MaxSortin® CDTCRVδ1 Separation Magnetic Beads				
MaxSortin® CDTCRVδ2 Separation Magnetic Beads				
MaxSortin® CD45 Separation Magnetic Beads				

