

Superior Sequencing Results From Tissue

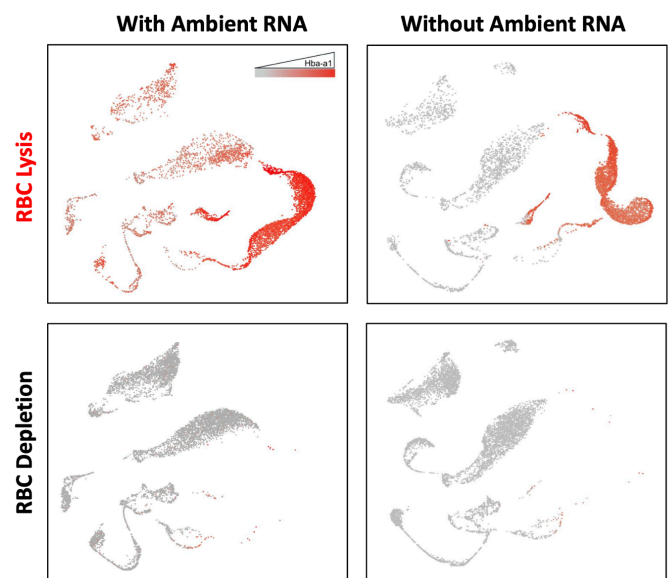
Eliminate RBCs Without the Drawbacks of Lysis

The LeviSelect™ Human and Mouse Tissue RBC Depletion Kits overcome many of the shortcomings of traditional RBC lysis methods that include harsh conditions, incomplete removal, and cell loss or death. Our gentle approach provides superior removal of RBCs from various tissues while simultaneously improving sample and data quality. Mouse spleen, a common tissue used for immune profiling, contains high amounts of RBCs and erythroblasts which require removal for superior sequencing results.

Advantages Over Lysis

The limitations of RBC lysis become clear when evaluating the samples in sensitive downstream assays such as single-cell sequencing.

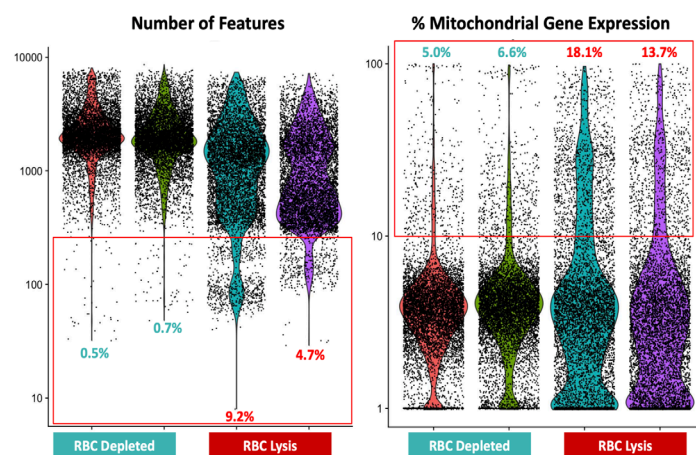
- Enables a superior approach for RBC removal
- Eliminates both erythroblasts and mature RBCs
- Efficient removal of both ambient and cell-associated RBC gene expression
- Obtain target cells of interest, including sensitive subpopulations



Increase Usable Data

Unlike RBC lysis, the LeviSelect Tissue RBC Depletion Kits improve the quality and quantity of downstream single-cell sequencing results.

- Reduce low quality sequencing indicators
- Retain more data points
- Maximize time and resources
- Have confidence when interpreting data



% of Total Cells:	RBC Depletion		RBC Lysis	
	Spleen 1	Spleen 2	Spleen 1	Spleen 2
Cells associated with both:	5.1%	6.6%	25.9%	16.9%

For more information visit, www.levitasbio.com/RBC