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Start smart

Convenient tumor dissociation

Dissociate any tumor entity. Preserve cell-surface epitopes.

Start your cancer research experiments with the most convenient sample preparation technology. The one-of-a-kind gentleMACS™ Dissociator instruments and Tumor Dissociation Kits enable gentle dissociation of any tumor entity, in less time. It's never been easier to ensure cell integrity for your downstream analysis.

- **Save time with walkaway tumor dissociation**
- **Preserve epitopes for downstream analysis**
- **Achieve reproducible results with every run**
- **Ensure sterile handling with closed tubes**

► miltenyibiotec.com/tumordissociation

Everything you need for quick, easy, and standardized tumor dissociation

gentleMACS™ Dissociators

Discover automated tumor dissociation that is gentle to cells and provides excellent cell viability for further cell separation, analysis, and culture. Experience the benefits of the gentleMACS Dissociator, the gentleMACS Octo Dissociator, and the gentleMACS Octo Dissociator with Heaters today.

- Save time with convenient plug-and-play format
- Eliminate hands-on steps with walkaway operation
- Prepare up to eight samples in parallel or sequentially



Figure 1: The gentleMACS Dissociator family, including the gentleMACS Octo Dissociator, the gentleMACS Dissociator, and the gentleMACS Octo Dissociator with Heaters

Tumor Dissociation Kits

The Tumor Dissociation Kits have been specially developed for the gentleMACS Dissociator family to get highest quality single-cell suspensions from your tumor sample.

- Follow optimized protocols for any tumor entity
- Get high yields of viable single cells
- Conserve cell-surface epitopes, everytime

gentleMACS Tubes

Two types of uniquely designed gentleMACS Tubes with built-in rotors are used for all gentleMACS Dissociators. The C Tube enables fast and highly efficient dissociation for viable single-cell suspensions, while the M Tube enables homogenization for molecular applications.

- Prevent cross-contamination with the closed, single-use design
- Ensure safe handling of infectious material



Figure 2: gentleMACS Tubes

Tumor storage

The MACS® Tissue Storage Solution is designed to allow optimized storage of fresh organ and tissue samples for up to 48 hours – without affecting cell viability or showing background effects like cell activation or apoptosis induction.

Product	Order no.
gentleMACS Dissociator	130-093-235
gentleMACS Octo Dissociator	130-095-937
gentleMACS Octo Dissociator with Heaters	130-096-427
gentleMACS C Tubes (25)	130-093-237
gentleMACS C Tubes (100)	130-096-334
gentleMACS M Tubes (25)	130-093-236
gentleMACS M Tubes (100)	130-096-335
Tumor Dissociation Kit, human	130-095-929
Tumor Dissociation Kit, mouse	130-096-730
Brain Tumor Dissociation Kit (P)	130-095-942
Brain Tumor Dissociation Kit (T)	130-095-939
MACS Tissue Storage Solution	130-100-008



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