

# NeuroCult™ Enzymatic Dissociation Kit for Adult CNS Tissue (Mouse & Rat)

**Kit for enzymatic dissociation of adult mouse and rat CNS tissue**

Catalog #05715

1 Kit



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## Product Description

NeuroCult™ Enzymatic Dissociation Kit for Adult CNS Tissue (Mouse & Rat) is recommended for the enzymatic digestion and dissociation of adult mouse and rat central nervous system (CNS) tissue. The kit has been optimized so that the entire procedure is reproducible, fast, and yields high cell numbers and viabilities. The resulting single-cell suspension is ready for immediate use in downstream applications.

## Product Information

The following components are sold as a complete kit (Catalog #05715) and are not available for individual sale.

COMPONENT NAME	COMPONENT #	SIZE	STORAGE	SHELF LIFE
Tissue Collection Solution	05715A	500 mL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
Dissociation Solution*	05715B	30 mL	Store at -20°C.	Stable until expiry date (EXP) on label.
Inhibition Solution	05715C	30 mL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
Resuspension Solution	05715D	500 mL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.

\*Aliquot into 3 mL volumes and store at -20°C. Each 3 mL aliquot is sufficient for subventricular region tissue isolated from up to 8 adult mouse brains or 6 adult rat brains in the NeuroCult™ Enzymatic Dissociation procedure. Lot-to-lot color variations may range from orange to red; this will not affect performance.

None of the above components contain antibiotics.

## Directions for Use

For complete instructions refer to the Technical Manual: Enzymatic Dissociation of Adult Mouse and Rat CNS Tissue Using the NeuroCult™ Enzymatic Dissociation Kit (Document #10000005583) available at [www.stemcell.com](http://www.stemcell.com), or contact us to request a copy.

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