

Brain Matrices



- Obtain repeatable sections of brain tissue
- Repeatedly pre-block the brain prior to Vibratome™/microtome sectioning



- High quality
- Economical
- For rats or mice

Rodent Brain Matrices

These rodent brain matrices aid in the research and freehand dissection of discrete regions of the rodent brain. They allow the investigator to slice either coronal or sagittal sections through the brain (including the olfactory bulbs) at intervals as small as 1 mm. Dorsal-ventral slice orientation is available on certain models. All rodent brain matrices are identical to insure reproducible sections on a day-to-day, year-to-year, or between laboratory basis. The rodent brain matrices are constructed from high grade zinc to allow for rapid temperature equilibration and easy cleaning or sterilization. The matrices accommodate the brains of rodents placed ventral side up. The channels are cut at precisely 1 mm (0.04 in) intervals (center-to-center) and are 0.3 mm (0.01 in) wide.

Specifications

Dimensions:

Overall Height	38.1 mm (1.5 in)
Base, H x W x D	11.9 x 69.9 x 69.9 mm (0.47 x 2.75 x 2.75 in)
Tissue Portion, OD x H	41.4 x 24.6 mm (1.63 x 0.97 in)

Rodent Brain Matrices

Catalog No.	Animal Species	Animal Weight	Orientation
CGS 8187.74	Mouse	30 g	Coronal
CGS 8188.74	Mouse	30 g	Sagittal
CGS 8189.74	Gerbil	70 g	Coronal
CGS 8190.74	Gerbil	70 g	Sagittal
CGS 8191.74	Rat	Pup, 30 g	Coronal
CGS 8192.74	Rat	Pup, 30 g	Sagittal
CGS 8193.74	Rat	125 to 185 g	Coronal
CGS 8194.74	Rat	125 to 185 g	Sagittal
CGS 8195.74	Rat	200 to 400 g	Coronal
CGS 8196.74	Rat	200 to 400 g	Sagittal
CGS 8197.74	Rat	200 to 400 g	Dorsal-Ventral
CGS 8198.74	Guinea Pig	350 g	Coronal
CGS 8199.74	Guinea Pig	350 g	Sagittal
CGS 8200.74	Ferret	Adult	Coronal
CGS 8201.74	Ferret	Adult	Sagittal
CGS 8202.74	Rabbit	Adult	Coronal
CGS 8203.74	Rabbit	Adult	Sagittal

Plastic Brain Matrices

These Brain Matrices provide an economical method to obtain even slices of brain tissues. They are made from Plexiglas acrylic cast. Both rat and mouse brain slicers are available. Select the width of slice you need. Overall dimension: H x L x W, 1 x 1.75 x 1.125 inches. Avoid cleaning with any strong chemicals. A mild liquid detergent is recommended. The Mouse Brain Matrices can also be used on neonatal rat brains.

Catalog No.

Product

CGS 8204.74	Plastic Rat Brain Matrix, 1 mm slice, for 200 to 300 gram rats
CGS 8205.74	Plastic Rat Brain Matrix, 2 mm slice, for 200 to 300 gram rats
CGS 8206.74	Plastic Rat Brain Matrix, 3 mm slice, for 200 to 300 gram rats
CGS 8207.74	Plastic Mouse Brain Matrix, 1 mm slice
CGS 8208.74	Plastic Mouse Brain Matrix, 2 mm slice