

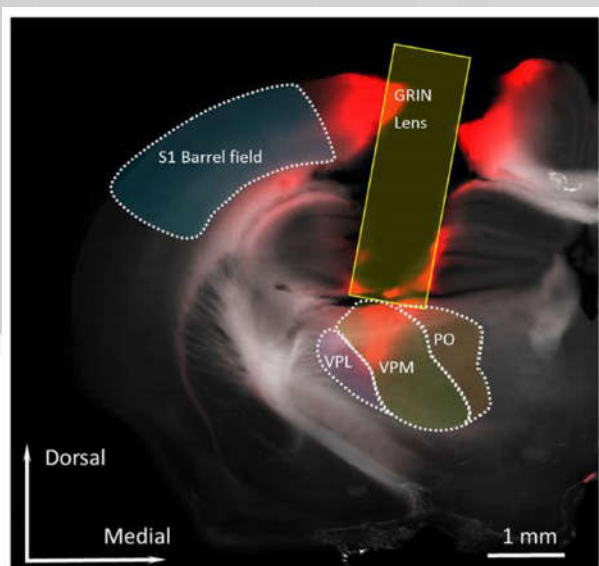
## Optical Mapping Deep in the Brain

# GRIN Lens

For Voltage Sensitive Dyes, GCaMPs, Flavin auto-fluorescence etc.

- Disposable and compact rod-shaped lens for optical mapping deep in the brain or body
- 1mm outer diameter and approx 0.9mm field diameter
- Deep brain image can be projected closer to surface or on surface or outside of the body
- For wide-field deep brain optical mapping using a fluorescence Macroscope / Beam splitter
- Two different lengths are available, 0.5 pitch (L=3.7 mm) and 1.0 pitch (L=7.4 mm)
- One GRIN lens can be used for fluorescence imaging in almost the entire range of visible wavelengths

Products	Approx. Pitch	Lens Length (mm)	Outer Diameter (mm)	Objective W.D. (mm)	Projection W.D. (mm)	Magnification
BVN00	0.5	3.71 +/- 0.50	1	0.20 (W)	0.20	1x
BVN01	1.0	7.99 +/- 1.10				



Lens	Package	Code
BVN00	5 lenses	BVN00-05
	10 lenses	BVN00-10
BVN01 (Order-made)	3 lenses	BVM01-03
	10 lenses	BVN01-10

### Notes

- Lens should be handled by plastic tweezers.
- The lenses should be kept in a desiccator, < 40% humidity.
- Lens should be discarded according to the rules of the facilities.

Scientific Reports, 2015; 5: 17325., DOI: 10.1038/srep17325  
 In vivo voltage-sensitive dye imaging of subcortical brain function.  
 Quingqong Tang et al.

These products are made in JAPAN. The delivery term of GRN-N1-3.7 is approx. two months after receipt of order.  
 The delivery term of the custom-made product GRN-N1-7.4 is approx. three months after receipt of order.  
 The contents described include information as of January 26, 2017. The specifications may be changed without any notice.

Exclusive distributor

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