



Gelatin Subbed Slides

Cat. No.	Format	Size
SLD01-BX	Premium Slides Subbed with Gelatin	72 Slides/Box
SLD01-CS	Premium Slides Subbed with Gelatin	10 Boxes/Case

Description

SouthernBiotech's Gelatin Subbed Slides have been carefully cleaned and subbed with a solution of 0.1% gelatin and chromium potassium sulfate. The coated slides measure 25 mm x 75 mm x 1 mm with a frosted end for marking. For optimal adhesion, we recommend sections less than 100 µm in thickness.

Applications

Frozen Sections – Reported in literature ^{3,6}
Free Floating Frozen Sections – Reported in literature ^{4,5,7,8}
Resin Embedded Sections – Reported in literature ²
TUNEL – Reported in literature ¹

Handling and Storage

- Store at -80°C until ready to use

Warning

Contains chromium (III) potassium sulfate dodecahydrate.

References

1. Lee T, Zhang X, Dhar S, Faas H, Lippard SJ, Jasanoff A. In vivo imaging with a cell-permeable porphyrin-based MRI contrast agent. *Chem Biol.* 2010;17:665-73. (TUNEL)
2. Curcio CA, Messinger JD, Sloan KR, Mitra A, McGwin G, Spaide RF. Human chorioretinal layer thicknesses measured in macula-wide, high-resolution histologic sections. *Invest Ophthalmol Vis Sci.* 2011;52:3943-54. (Resin embedded sections)
3. Deane EC, Ilie AE, Sizdahkhani S, Gupta MD, Orłowski J, McKinney RA. Enhanced recruitment of endosomal Na⁺/H⁺ exchanger NHE6 into dendritic spines of hippocampal pyramidal neurons during NMDA receptor-dependent long-term potentiation. *J Neurosci.* 2013;33:595-610. (Frozen sections)
4. Hodor A, Palchykova S, Baracchi F, Noain D, Bassetti CL. Baclofen facilitates sleep, neuroplasticity, and recovery after stroke in rats. *Ann Clin Transl Neurol.* 2014;1:765-77. (Free floating frozen sections)
5. Kim KY, Scholl ES, Liu X, Shepherd A, Haeseleer F, Lee A. Localization and expression of CaBP1/calmodulin in the mouse brain. *Neuroscience.* 2014;268:33-47. (Free floating frozen sections)
6. Adjei S, Wesson DW. Laminar and spatial localization of the islands of Calleja in mice. *Neuroscience.* 2015;287:137-43. (Frozen sections)
7. Tegelberg S, Tomašić N, Kallijärvi J, Purhonen J, Elmér E, Lindberg E, et al. Respiratory chain complex III deficiency due to mutated BCS1L: a novel phenotype with encephalomyopathy, partially phenocopied in a Bcs1l mutant mouse model. *Orphanet J Rare Dis.* 2017;12:73. (Free floating frozen sections)
8. Morabito MV, Ravussin Y, Mueller BR, Skowronski AA, Watanabe K, Foo KS, et al. Weight perturbation alters leptin signal transduction in a region-specific manner throughout the brain. *PLoS One.* 2017;12(1): e0168226. (Free floating frozen sections)

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