

OptiPrep™ Mini-Review MS18

Purification of nuclei from tissues and cells in isoosmotic iodixanol gradients – a bibliography

- ◆ This Mini-Review provides a complete list of publications reporting the use of OptiPrep™ for the isolation of nuclei: the references are sorted into sections according cell or tissue type. Within each section references are listed alphabetically according to first author.
- ◆ Key words in the article titles are highlighted in blue
- ◆ Mini-Review MS01 provides a practical review of the current OptiPrep™-based methodology

1. BHK cells

Iliina, P., Hyvonen, Z., Saura, M., Sandvig, K., Yliperttula, M. and Ruponen, M. (2012) *Genetic blockage of endocytic pathways reveals differences in the intracellular processing of non-viral gene delivery systems* J. Control. Release, **163**, 385–395

2. Brain tissue (human): see also “Neural cells”

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Iuchi, S., Hoffner, G., Verbeke, P., Djian, P. and Green, H. (2003) *Oligomeric and polymeric aggregates formed by proteins containing expanded polyglutamine* Proc. Natl. Acad. Sci. USA, **100**, 2409-2414

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3. Brain tissue and spinal cord (rodent): see also “Neural cells”

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Gao, Z., Lee, P., Stafford, J.M., von Schimmelmann, M., Schaefer, A. and Reinberg, D. (2014) *An AUTS2–Polycomb complex activates gene expression in the CNS* Nature, **516**, 349-354

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6. Carcinoma cells: see also “Hepatoma cells” and “Human breast cancer tissue”

- Cohen, R.N.**, van der Aa, M.A.E.M., Macaraeg, N., Lee, A.P. and Szoka, F.C. (2009) *Quantification of plasmid DNA copies in the nucleus after lipoplex and polyplex transfection* J. Control. Release **135** (2009) 166–174
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9. Endothelial cells

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13. HEK cells

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