

BBB Kit™ References (Jan. 8, 2021)

MBT-24H (14 publications)

Permeability Assay (10 publications)

Lazzarini C et al., Preclinical evaluation of acylhydrazone SB-AF-1002 as a novel broad-spectrum antifungal agent. *Antimicrobial Agents and Chemotherapy* 2020 doi: 10.1128/AAC.00946-20

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BBB Analysis (4 publications)

Mochizuki T. et al., Functional Investigation of Solute Carrier Family 35, Member F2, in Three Cellular Models of the

Primate Blood-Brain Barrier. Drug Metabolism and Disposition January 2021 <https://doi.org/10.1124/dmd.120.000115>

Hashimoto Y et al. Claudin-5-binders enhance permeation of solutes across the blood-brain barrier in a mammalian model. *J Pharmacol Exp Ther.* 2017;363(2):275-283.

Yuka Torii et al. Metabolome analysis reveals the association between the kynurenine pathway and human herpesvirus 6 encephalopathy in immunocompetent children. *Metabolomics* (2017) 13: 126.

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RBT-24H (23 publications)

Permeability Assay (17 publications)

Eguchi K. et al., Blood-brain barrier permeability analysis of plant ceramides. *PLoS One* 2020 <https://doi.org/10.1371/journal.pone.0241640>

Yamaguchi S et al., Novel cyclic peptides facilitating transcellular blood-brain barrier transport of macromolecules in vitro and in vivo. *Journal of Controlled Release.* 2020 doi:10.1016/j.jconrel.2020.03.001

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BBB Analysis (6 publications)

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RBC-12 (3 publications)

BBB Analysis

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RBE-12 (5 publications)

Permeability Assay

Ohshima M. et al. Prediction of Drug Permeability Using In Vitro Blood–Brain Barrier Models with Human Induced Pluripotent Stem Cell-Derived Brain Microvascular Endothelial Cells. *BioResearch*. Nov. 2019. <http://doi.org/10.1089/biores.2019.0026>

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BBB Analysis (3 publications)

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BMEC coating solution (4 publications)

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Monkey BMECs (1 publication)

Mochizuki T. et al., Functional Investigation of Solute Carrier Family 35, Member F2, in Three Cellular Models of the Primate Blood-Brain Barrier. *Drug Metabolism and Disposition* January 2021 <https://doi.org/10.1124/dmd.120.000115>