

BBB Kit™ References (June 30, 2022)

From PharmaCo-Cell (3 publications)

- 1) S Nakagawa et al. A new blood-brain barrier model using primary rat brain endothelial cells, pericytes and astrocytes. *Neurochem Int.* 2008, <https://doi.org/10.1016/j.neuint.2008.12.002>
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- 3) D Watanabe et al. Characterization of a Primate Blood-Brain Barrier Co-Culture Model Prepared from Primary Brain Endothelial Cells, Pericytes and Astrocytes. *Pharmaceutics* 2021, <https://doi.org/10.3390/pharmaceutics13091484>

MBT-24H (21 publications)

Permeability Assay (14 publications)

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- 3) Amano M et al. A modified P1 moiety enhances in vitro antiviral activity against various multidrug-resistant HIV-1 variants and in vitro central nervous system penetration properties of a novel nonpeptidic protease inhibitor, GRL-10413. *Antimicrob Agents Chemother.* 2016;60(12):7046–59. <https://doi.org/10.1128/aac.01428-16>
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- 6) Yamamoto Y et al. Vascular RAGE transports oxytocin into the brain to elicit its maternal bonding behaviour in mice. *Communications Biology* volume 2, Article number: 76 (2019) <https://doi.org/10.1038/s42003-019-0325-6>
- 7) Amano M et al. Novel Central Nervous System (CNS)-Targeting Protease Inhibitors for Drug-Resistant HIV Infection and HIV-Associated CNS Complications. *Antimicrob Agents Chemother.* 2019

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9) 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 <https://doi.org/10.1016/j.jconrel.2020.03.001>

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13) M Amano et al. Fluorine-Modifications Contribute to Potent Antiviral Activity against Highly Drug-Resistant HIV-1 and Favorable Blood-Brain Barrier (BBB) Penetration Property of Novel Central Nervous System (CNS)-targeting HIV-1 Protease Inhibitors In Vitro. *Antimicrob Agents Chemother*, 2022 <https://doi.org/10.1128/AAC.01715-21>

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BBB Analysis (7 publications)

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RBT-24H (27 publications)

Permeability Assay (21 publications)

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RBC-12 (4 publications)

BBB Analysis

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Permeability Assay (2 publications)

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RBE-12 (5 publications)

Permeability Assay

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BBB Analysis (3 publications)

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BMEC coating solution (5 publications)

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Monkey BMECs (1 publication)

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