



Synthetic Dengue Viral RNA Panel

The ATCC® Synthetic Dengue Viral RNA Panel (ATCC® MP-22™) comprises four preparations of synthetically derived RNA representing key target regions from Dengue virus serotypes 1-4. These quantitated molecular standards are appropriate for use as control material in the development and validation of molecular-based applications. The table below provides information for each strain available in the panel.

ATCC® No.	Product Description	Key Target Regions	Specification Range
VR-3228SD	Synthetic Dengue virus serotype 1 RNA	Preparation includes fragments from the capsid, membrane, and envelope regions	1 x 10 ⁵ – 1 x 10 ⁶ copies/μL
VR-3229SD	Synthetic Dengue virus serotype 2 RNA	Preparation includes fragments from the capsid, membrane, and envelope regions	1 x 10 ⁵ – 1 x 10 ⁶ copies/μL
VR-3230SD	Synthetic Dengue virus serotype 3 RNA	Preparation includes fragments from the capsid, membrane, and envelope regions	1 x 10 ⁵ – 1 x 10 ⁶ copies/μL
VR-3231SD	Synthetic Dengue virus serotype 4 RNA	Preparation includes fragments from the capsid, membrane, and envelope regions	1 x 10 ⁵ – 1 x 10 ⁶ copies/μL