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# Cytomegalovirus DNA (Towne Delta147 BAC) for DNA Measurements

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|---|---|
| Art. ID | NIST-2366a |
| Unit | 1 vial x 150 µL |
| Deliverydetails | No Dangerous Good /not restricted |

## Description

This Standard Reference Material (SRM) is intended for use in the value assignment of the number of amplifiable genome copies of cytomegalovirus (CMV) per volume sample. When used to value assign practical CMV calibration materials, SRM 2366a can provide traceability to the International System of Units (SI) for measurement results of CMV viral load in tissues or fluids such as plasma. A unit of SRM 2366a consists of one sterile, 0.5 mL perfluoroalkoxy (PFA) fluoropolymer vial containing approximately 150 µL of extracted DNA solubilized in TE buffer, pH 8.0. TE buffer consists of 10 mmol/L 2-amino-2-(hydroxymethyl)-1,3-propanediol (Tris) and 1 mmol/L ethylenediaminetetraacetic acid (EDTA) tetrasodium salt in deionized water. The CMV DNA is in the form of a bacterial artificial chromosome - known as CMV Towne Delta147 BAC - that contains the genome of the Towne strain of CMV.