



CERTIFICATE OF ANALYSIS

ATCC® Number: CRL-1586™
Lot Number: 70034202

Name: VERO C1008
Description: Kidney
Species: African Green Monkey (*Cercopithecus aethiops*)
Volume/Ampule: Approximately 1 mL
Date Frozen: 06APR2020
Recovery: A T-75 setup at a seeding density of 2.0×10^4 viable cells/cm² reaches approximately 25% confluence in 1 day and 100% confluence in 5 days.
Product Format: Cells cryopreserved in the appropriate cryopreservation medium
Expiration Date: Not applicable
Storage Conditions: Vapor phase of liquid nitrogen

| Test / Method | Specification | Result |
|--|---|---|
| Ampule passage number | Report results | 20 |
| Population doubling level (PDL) | Report results | Not applicable |
| Total cells/ampule (Cell count using Trypan Blue stain method) | Report results | 2.2×10^6 total cells/ampule |
| Post-freeze viability (Cell count using Trypan Blue stain method) | ≥ 50.0% | 90.9% |
| Growth properties (Visual observation method) | Adherent | Adherent |
| Morphology (Visual observation method) | Epithelial-like* | Epithelial-like |
| Test for mycoplasma contamination Hoechst DNA stain (indirect) method Agar culture (direct) method PCR-based assay | None detected None detected None detected | None detected None detected None detected |
| Species determination: COI assay (interspecies) | African green monkey | African green monkey |
| Sterility test (BacT/ALERT 3D) iAST bottle (aerobic) at 32.5°C iNST bottle (anaerobic) at 32.5°C | No growth No growth | No growth No growth |

* Epithelial-like: Any adherent cells of a polygonal shape with clear, sharp boundaries between them.

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Revised on 21MAY2020: Pending mycoplasma agar culture (direct method) results were replaced with final results.

Product meets European Union requirements for production of technical blood products. Components derived from animals as defined by the European Union have been sourced from European Union approved suppliers.

Quality Assurance Specialist; Quality Assurance

ATCC hereby represents and warrants that the material provided under this certificate is pure and has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and correct to the best of the company's knowledge and belief. This certificate does not extend to the growth and/or passage of any living organism or cell line beyond what is supplied within the container received from ATCC.

This product is intended to be used for laboratory research use only. It is not intended for use in humans, animals, or for diagnostics. Appropriate Biosafety Level (BSL) practices should always be used with this material. Refer to the Product Information Sheet for instructions on the correct use of this product.

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