

SARS-CoV-2 complete synthetic reference material D614G — Quick reference manual

Complete product information and additional resources are available at codexdna.com

Catalog number SC2-FLSG-3333

Product details

The complete synthetic reference material D614G is a full-length synthetic genome encoding the D614G spike protein mutation with a T7 promoter and a poly(A) tail.

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|---------------------------|---|
| Description | SARS-CoV-2 complete synthetic reference material encoding spike protein variant D614G, including a T7 promoter and poly(A) tail |
| Biosafety level | BSL 1 (non-infectious) |
| GenBank number | MN908947.3 |
| Accession version | NC_045512.2 |
| Package content | One vial of synthetic DNA in a Tris/EDTA solution |
| Package format | Clear polypropylene vial with a pink cap |
| Volume | 100 µL |
| Concentration | 50 ng/µL |
| Storage conditions | -20 °C |
| Intended use | Research use only |

Instruction for use

SARS-CoV-2 complete reference materials are non-infectious; however, we recommend adhering to safe laboratory practices conducive to a BSL 1 laboratory to prevent potential product contamination and exposure.

1. Thaw the material on ice.
2. Vortex gently and pulse-spin in a microcentrifuge to settle the material at the bottom of the vial.
3. Keep the vial on ice while in use.
4. Return the remaining material (if applicable) to storage temperature.
5. Each vial can be thawed and frozen up to three times.