


SARS-CoV-2 synthetic RNA control, overlapping

Specification sheet

The synthetic RNA control with overlapping bases is comprised of six overlapping fragments to cover 29,870 bases, encompassing all genes and regulatory elements.

Catalog number	SC2-RNAC-1100
Description	SARS-CoV-2 synthetic RNA control, overlapping
Assay compatibility	Next generation sequencing (NGS) Reverse transcriptase-polymerase chain reaction (RT-PCR)
Biosafety level	BSL 1 (non-infectious)
Fragment map	Six fragments as 5 kb RNA molecules RNA fragment 1: 1–5,008 RNA fragment 2: 4,949–9,986 RNA fragment 3: 9,927–14,964 RNA fragment 4: 14,905–19,942 RNA fragment 5: 19,883–24,920 RNA fragment 6: 24,861–29,870
GenBank number	MN908947.3
Accession version	NC_045512.2
Package content	One vial of synthetic RNA molecule in RNase-free water with inhibitor
Package format	Clear polypropylene, RNase-free vial with a clear cap 
Volume	100 µL
Concentration	1 x 10 ⁶ copies/µL
Storage conditions	-80 °C
Shipping conditions	-20 °C (dry ice) for international and domestic
Intended use	Research use only

Specifications are subject to change.