# SW 1271 Purified Genomic DNA, Quantitative (NRAS Mutant), 3 µg

## CRL-2177DQ™

### Description

Quantified for oncology biomarker NRAS p.Q61R via NGS and ddPCR

**Organism:** *Homo sapiens*, human

**Derived from:** SW 1271 [SW-1271, SW1271] (ATCC CRL-2177)

**Concentration:** 100 ng/µL

**Mass:** 3 µg

**Shipping information:** Stored in 1X TE buffer

### Storage Conditions

**Product format:** Frozen

**Storage conditions:** -20°C or colder

### Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

### BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to

understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

## Quality Control Specifications

**Electrophoresis - molecular weight:** ≥ 48 kb (or higher than uppermost band of the high MW DNA ladder)
**Electrophoresis - RNA content:** No visible RNA detected in the agarose gel
**Total amount:** Total DNA by PicoGreen® measurement was found to be ≥ 3 µg
**STR profile:** Identical STR profile to cell line source
**Mutation allelic frequency:** Report results: NGS (Coverage > 10,000X)*
**Absolute/relative gene copies/ng DNA:** Report results: ddPCR™ (Average of nine data points)*
**Electrophoresis - digestion:** Verified by restriction enzyme digestion.

## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: SW 1271 Purified Genomic DNA, Quantitative (NRAS Mutant), 3 µg (ATCC CRL-2177DQ)

## References

References and other information relating to this material are available at

## Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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## Revision

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