



LLS QUICK VIEW · BENCHMARK SCIENTIFIC

High Sensitivity dsDNA Quantification Kit, 100 Assays

SKU NS1020-HS-100 · Analytical & Weighing · Nano-Spectrophotometer Quantification Kits

The NS1020-HS-100 is the High Sensitivity dsDNA Fluorometric Quantification Kit for the Accuris NS1020 SmartDrop XF Nano-Spectrophotometer — sold as



TECHNICAL SPECIFICATIONS

CAPACITY

100 assays

SELECTIVITY

Highly selective for dsDNA — NOT skewed by ssDNA, RNA...

DETECTION RANGE

0.1 ng to 120 ng of dsDNA

SAMPLE INPUT VOLUME

1 µL to 20 µL

COMPATIBLE INSTRUMENTS

Qubit, SmartDrop XF (NS1020), fluorescence microplate...

TYPE

High Sensitivity dsDNA fluorometric quantification kit

KIT CONTENTS

Concentrated fluorescent assay reagent + dilution buffer...

EMISSION WAVELENGTH

Green, 525–570 nm

EXCITATION WAVELENGTH

Blue, 460 ± 20 nm

SAMPLE CONCENTRATION RANGE

0.005 – 120 ng/µL (4 orders of magnitude at the low end)

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