

Labmix24 GmbH Kesseldorfer Rott 24 46499 Hamminkeln Germany 

 Tel:
 +49 (0) 2

 Fax:
 +49 (0) 2

 Web:
 www.lak

 E-Mail:
 info@lab

+49 (0) 2852 96064 00 +49 (0) 2852 96064 24 www.labmix24.com info@labmix24.com

## Reference Material of SARS-CoV-2 nucleocapsid protein solution

Art. ID	NRC-NCAP-1		
Unit	0,4 mL		
Deliverydetails	Dry ice shipment		

## Description

Application field(s): Clinical, Other, COVID-19 /// NCAP-1 is a reference material (RM) designed for improving accuracy of SARS-CoV-2 nucleocapsid (N) protein measurements, as well as an antigen source for use in SARS-CoV-2 immunological assays. Many commercially available SARS-CoV-2 test kits exploit the interaction between the SARS-CoV-2 N-protein and human anti-N antibodies. Reference values for the molar concentration, mass fraction, and mass concentration of SARS-CoV-2 N-protein in NCAP-1 have been established, as listed in Table 1. Information values for the size heterogeneity of SARS-CoV-2 N-protein in NCAP-1 are provided belos. A unit of NCAP-1 contains 0.4 mL of SARS-CoV-2 N-protein in 50 mM Tris buffer, pH 8, with 150 mM sodium chloride.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	SARS-CoV-2 nucleocapsid		$10,02 \pm 1,86$	µmol/L		
	protein					