

Patient Name : **KHALED SALAHELDIN HASSAN ABDELATY**

File No. : 20224037596 Age : 50 Year(s) 2 Month(s) : Date Collected : 13/02/2022  
Visit No. : CCC2714304 Gender Male Date Received : 13/02/2022 13:16:41  
Ext.No. : Patient ID : 28169053 Date Released : 13/02/2022 18:14:58

## Molecular Diagnostics Department Corona Virus ( SARS-CoV-2 ) by PCR

Sample Type: Nasopharyngeal Swab

Methodology: Viral nucleic acid is extracted from clinical specimens. For the test, viral genomic RNA is transcribed to cDNA. Primers directed to the target gene amplify and produce fluorescence of target nucleic acid sequences after the annealing step during PCR cycling. Qualitative analysis of the PCR amplification and positive control samples is achieved through the use of Real-Time PCR instrument software. An internal control is also amplified with every sample to assure proper extraction and amplification.

Test Indications: To detect the presence of the Corona virus ,SARS-CoV-2 (Formerly 2019-nCoV).

Specificity: 100 %

Sensitivity: 95 %

Result **Target not detected ( Negative for SARS-CoV-2 )**

**Comments:** As with all PCR tests, a negative result does not rule out a positive sample with a viral load below the detectable limit.

This assay detects Corona Virus variants: B.1.1.7 (UK), B. 1.351 (South Africa), P.1 (Brazil), B.1.617.2 (India, Delta) and B.1.1.529 (Omicron: BA.1 and BA.2).



إمسح الرمز للتحقق من النتيجة



This is an official lab result .

  
محمد الجده