

Specification

Specification	Description
Number of samples	1~96 samples
Sample types	Oropharyngeal swabs, saliva
Sample input volume	200μL
Elution volume	100μL
Duration	18min

Order Information

Description	Cat. No	Specification (Tests/Kit)	Sample Volume	Compatible Instrument	Certificate
Nucleic Acid Isolation or Purification Reagent(Fast)	DA0600	96tests/kit (Large Package)	200μL	Smart 32, Stream Sp96	NMPA, CE
	DA0601	20tests/kit (Pre-packaged)	200μL	Smart 32, Stream Sp96	NMPA, CE
	DA0602	32tests/kit (Pre-packaged)	200μL	Smart 32, Stream Sp96	NMPA, CE



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DA0600 / DA0601 / DA0602

Nucleic Acid Extraction and Purification Solutions
(Magnetic Bead, Fast)



Extensive applications, classic and trustworthy.

Introduction

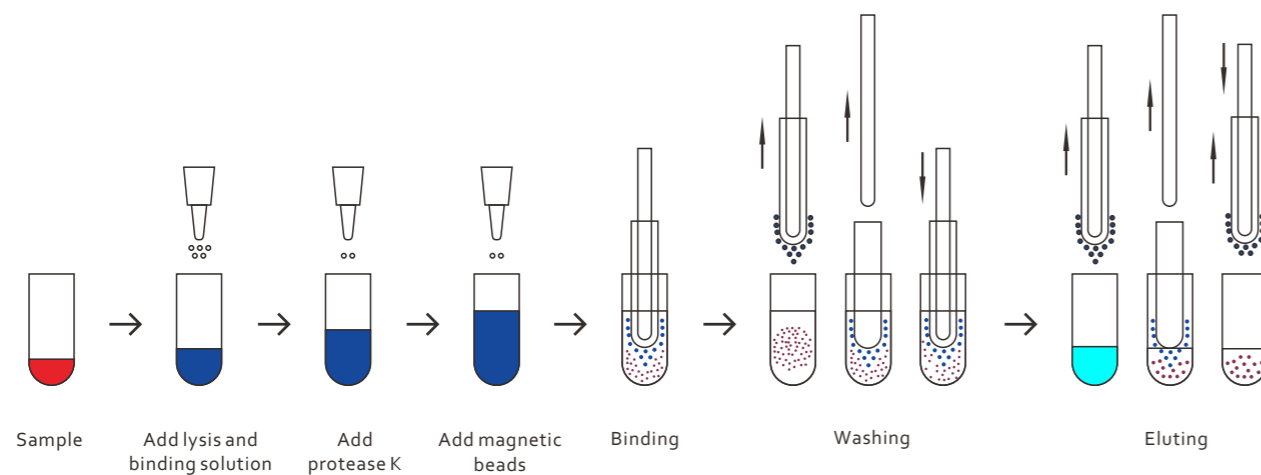
To provide efficient testing to meet the demands of the COVID-19 outbreak, DaAn Gene has developed the rapid testing reagents based on magnetic beads technology, DA0600, DA0601 and DA0602.

These kits are intended to be used to isolate nucleic acid of DNA and RNA viruses from respiratory samples such as swabs and saliva. The purified nucleic acid are ready for direct use in down stream applications.

Together with extraction instrument, the reagents are able to extracted 32/96 samples in 18min. These version of our reagents enable a rapid detection of 2019-nCov without compromising the purity of the extracted nucleic acid, which ensures the precision of downstream testing.

Principle

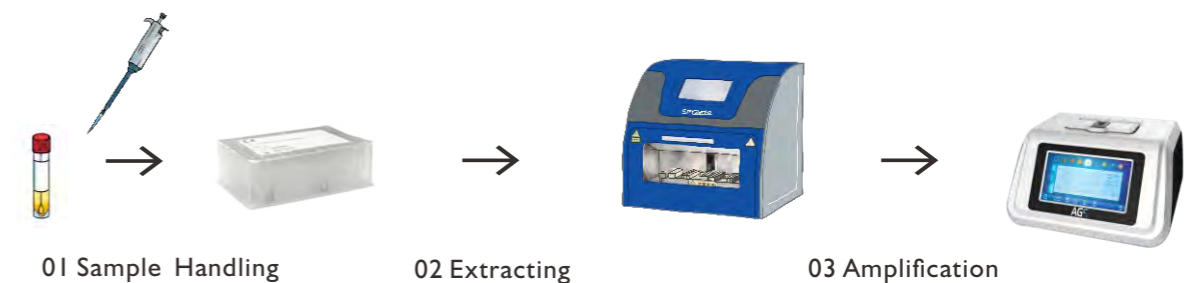
The nucleic acid extraction and purification is performed in four steps-lysis, binding, washing and elution. Under the action of lysis buffer, the cell is cracked and the nucleic acid is released. The released nucleic acid binds to the magnetic beads while contaminants pass through. PCR inhibitors, such as divalent cations and proteins are completely removed in wash steps, leaving pure nucleic acid to be eluted in buffer provided with the kit.



Features

- ✦ **Rapid**
Handling 32/96 samples in 18 minutes
- ✦ **Simple**
Fully automated extraction process for cost and time savings
- ✦ **High-efficiency**
One step washing process design to accelerate the extraction time and reduce the loss of nucleic acid
- ✦ **Ready-to-use DNA/RNA**
Purified nucleic acids ready for analysis by PCR
- ✦ **Consistent performance, high yields**

Procedure



Compatible Instrument



Smart 32

Capacity: 32 samples
Duration: 18min



Stream SP96

Capacity: 96 samples
Duration: 18min