

**TATA MD**

**PURE**

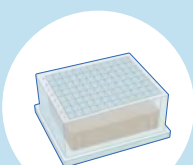
## **MagAuto Viral RNA Extraction Kit**



**Magnetic bead-based automated assay for  
the extraction of high-quality viral RNA**

**The Tata MD Pure MagAuto Viral RNA Extraction Kit uses a fully automated procedure to isolate viral RNA. It produces high-quality template for direct use in molecular diagnostic applications**

## Salient Features



Zero reagent handling - fully premixed and prefilled plates



Single touch protocol - improved efficiency



Fast TAT & high throughput - 96 samples in 25 minutes



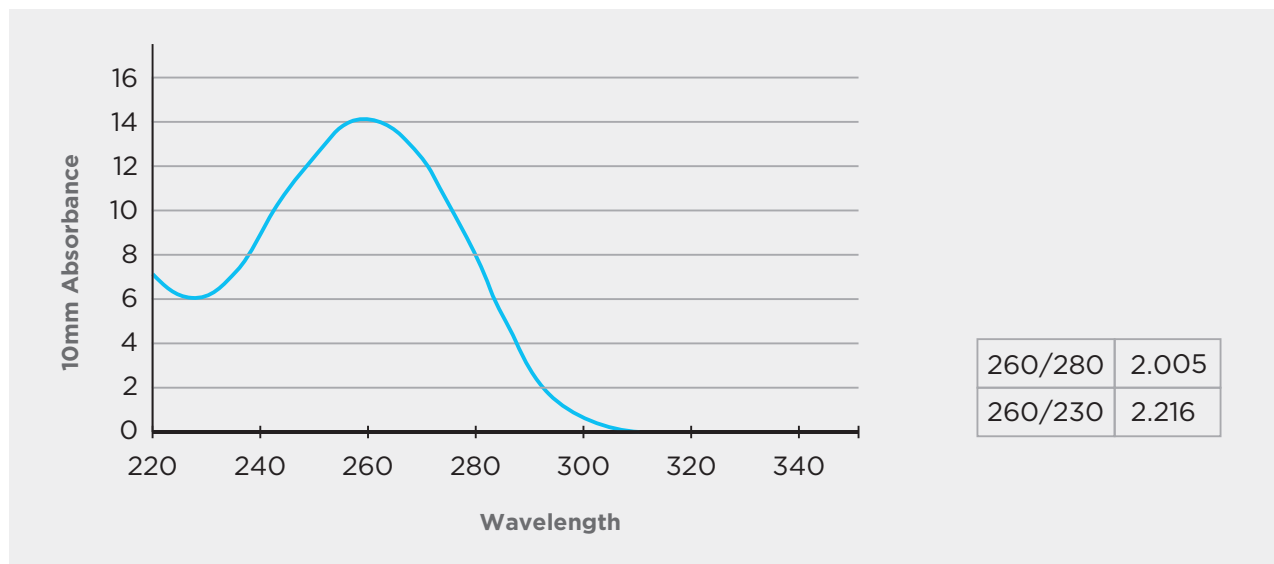
Superior RNA yield with exceptional purity

The Tata MD Pure MagAuto Viral RNA Extraction Kit consists of premixed and prefilled reagent plates. Samples can be added directly to the ready-to-use plates, and the plates loaded directly onto the automated extraction system.

The extraction process includes an initial step to ensure a) efficient lyse and b) RNA binding to the surface of the magnetic beads. The binding of nucleic acids to magnetic particles occurs in a solution resulting in excellent binding efficiency and kinetics. After binding, the two wash steps increase nucleic acid purity by completely removing the contaminants.

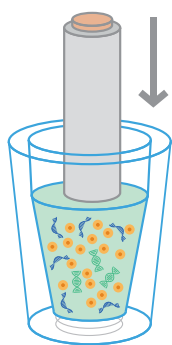
The Tata MD Pure MagAuto Viral RNA Extraction Kit is validated for NP/OP swab samples collected in VTM, extracted using KingFisher™ Flex Purification System. The kit may also be used for other sample types and on other extraction instruments after validation.

**Result:** The Tata MD Pure MagAuto RNA Extraction Kit provides high RNA yield with exceptional purity (260/280 range: 1.9 to 2.0 and 260/230 range: 2.0-2.2), making it suitable for use in multiple downstream processes.



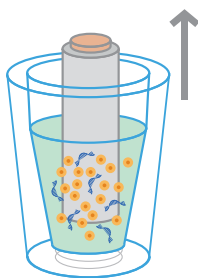
## Principle

### LYSE



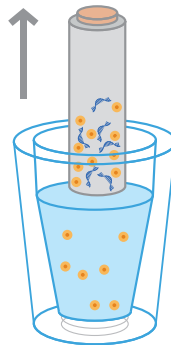
The lysis buffer facilitates cell lysis and release of nucleic acids

### BIND



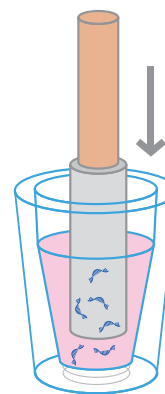
Magnetic beads mix with sample and bind to target (RNA)

### WASH (x2)



Target bound to magnetic beads goes through 2 wash steps for removal of contaminants

### ELUTE



The Elution Buffer releases the target from the magnetic beads and purified RNA is eluted

*View detailed procedure in the pack insert*

For more details, write to us at  
enquiry@tatamd.com

### Ordering Information

Product Code: SXCOK025-96 Pack Size: 96 reactions Storage: 15°C-20°C Shelf Life: 18 months

Doc ID: TMD-BRO-K025-1, Revision: 00, Effective date: 08/08/2022

Manufactured by

**TATA MEDICAL AND DIAGNOSTICS**

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