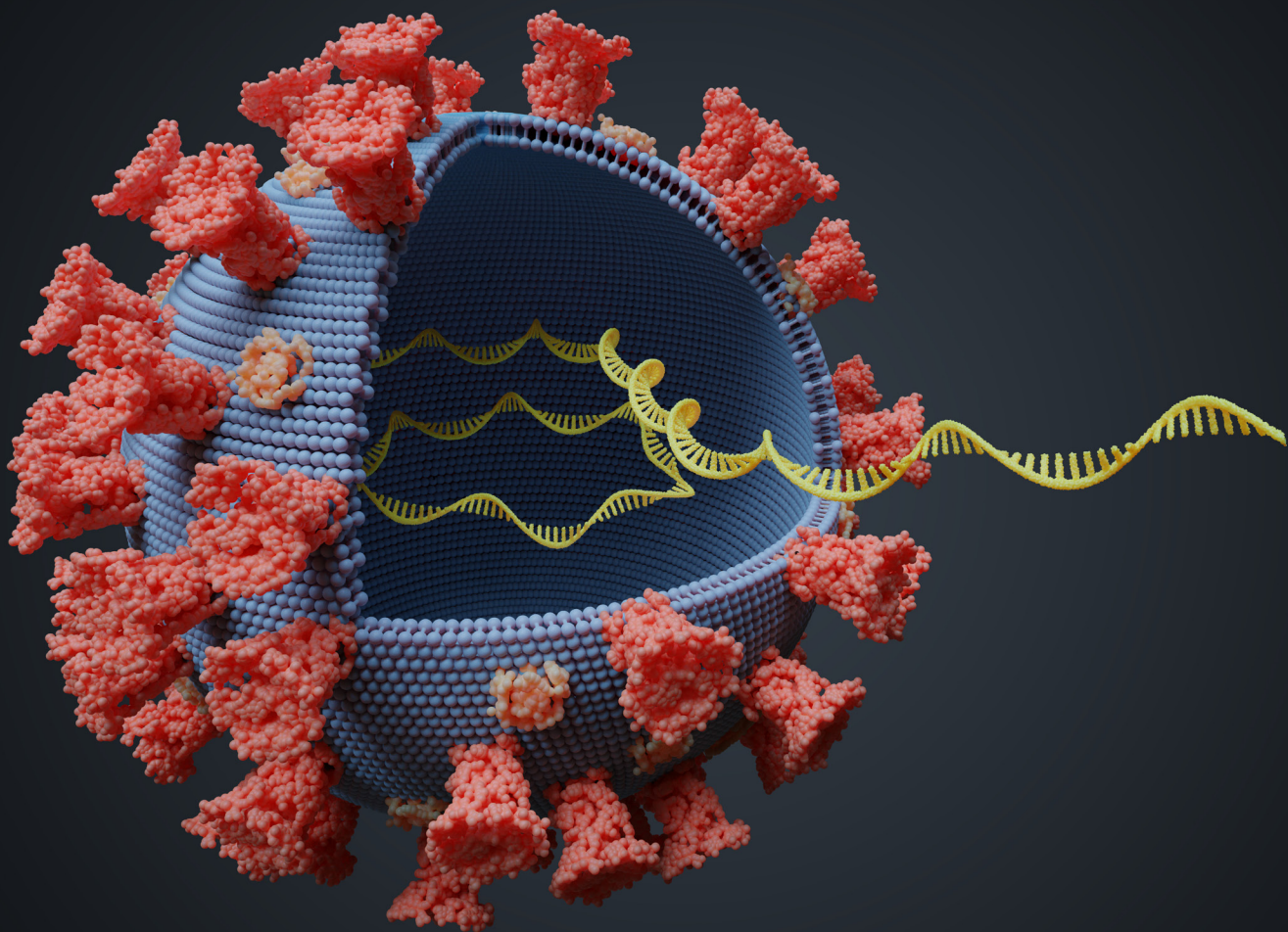


BEXS 12 automated DNA/RNA Isolation

For extraction of viral nucleic acids & genomic DNA



Ready Gene

SuBiTo

FluoGene

Software

PCR & Electrophoresis

Ready Plate

DNA/RNA-Extraction

Life Science

AUTOMATED ISOLATION OF 12 SAMPLES WITH BEXS 12 READY EXTRACTION KITS

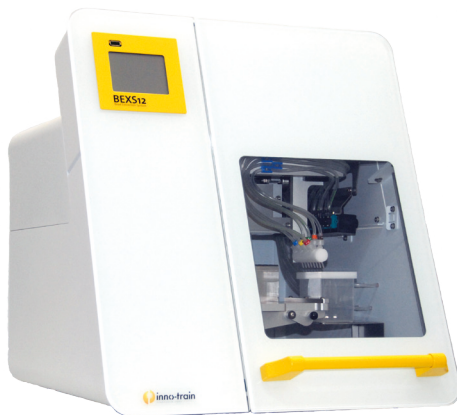
BEXS 12 (Bead Extraction System 12) is a fully automatic device for DNA/RNA extraction from multiple clinical samples - e.g. swabs or blood - based on magnetic particle separation technology.

In combination with the **BEXS 12 Ready DNA Bead Kit** the system enables the parallel DNA extraction from up to 12 blood samples with a volume of 250 µl each. The isolated genomic DNA has a purity ratio of $A_{260}/A_{280} \sim 1.8$ with a yield dependent on the original material of 5 - 10 µg.

With our new **BEXS 12 Ready Viral DNA/RNA Kit** viral nucleic acids can now be extracted automatically from multiple clinical samples. This system supports effectively the workflow of SARS-CoV2/Covid-19 detection: clinical samples as transport media from naso- or oropharyngeal swabs can be used directly for the extraction. Furthermore the BEXS 12 facilitates the parallel and quantitative isolation of viral DNA and RNA.

The extraction time is as short as 40 minutes for up to 12 samples per batch. The throughput with this system reaches up to 120 clinical samples per day.

BEXS 12 Ready Extraction Kit	Sample Material
DNA Bead	Blood (EDTA, CPDA) Buffy Coat
Viral DNA/RNA	Plasma Serum Nasopharyngeal Swab Oropharyngeal Swab BAL (bronchoalveolar lavage) Sputum



DELIVERY SCOPE

- BEXS 12 instrument
- Barcode reader
- Pen for operating the touchscreen display
- BEXS 12 Tip & Tube Rack
- Holders for set of buffer bottles
- Bottle spikes
- BEXS 12 bottle tubing set
- Calibration plate with corresponding 1.4 ml tubes

ORDERING INFORMATION

ARTICLE NO.	PRODUCT	AMOUNT
GX01050	BEXS 12 Bead Extraction System	1
GX 01054	BEXS 12 Ready Viral DNA/RNA Bead Kit	180 extractions
GX 01052	BEXS 12 Ready DNA Bead Kit	180 extractions



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