qMAXSen™ Coronavirus (SARS-CoV-2) RT-qPCR Detection Kit [N and RNAse P genes-based Assay]

For Robust and Reproducible One-Step for 2019-nCoV CDC Assays

This kit describes the use of real time RT-PCR for the **in vitro detection of 2019-nCoV in respiratory specimens (sputum; nasopharyngeal, oropharyngeal aspirates, washes or swabs; tracheal aspirates).**

Advantages & Features:

- **Best performance:** Canvax™ qMAXSen™ qPCR technology has been Finalist as **«Best New Life Sciences Product of 2018»** at Scientists' Choice Awards®.
- Primers & Probes designed **2019-nCoV CDC** Assays for virus identification.
- **Relevant costs-savings:** in comparision with other suppliers.
- **Easy and fast detection by qPCR.**
- **Inclusivity:** SARS like Coronavirus and specific detection of 2019-nCoV.
- **Dual Color Multiplex Assay Format.**
- **Products in stock:** Ready-to-ship immediately.
- **Versatile:** compatible with most used real-time PCR instruments.
- Designed & Manufactured in **Córdoba (Spain)**

CAT#	PRODUTO	SIZE
#E01590	qMAXSen™ Coronavirus (SARS-CoV-2) RT-qPCR Detection Kit	250 rxns

CVX™ Viral RNA Extraction Kit, CE-IVD

- **CVX™ Viral RNA Extraction Kit (CE-IVD)** is designed for the rapid simultaneous purification of viral RNA from cell –free samples such as Serum, Plasma, Urine, Cell free body fluids, Cell Culture supernatants and Rinse liquid from swabs samples.

- For manual or automated viral RNA Extraction in compatible platforms (ex: QIAcube).

- Viral RNA molecules bind to the silica-based media and impurities such as proteins and nucleases are removed by thorough washing with Wash Buffer. The RNA is then eluted in sterile, RNase free water. The isolated Viral RNA is ready-to-use and should be stored at – 70 °C.

- The procedure can be used for isolation of viral RNA from a broad range of viruses. However, performance cannot be guaranteed for every virus species and must be validated by the customer. The amount of purified viral RNA depends on the sample type, the virus titer, sample source, transport, storage, and age. The Kit also includes carrier RNA that improves binding and recovery of low-concentrated viral RNA.

CAT#	PRODUTO	SIZE
#AN0105-XL	CVX™ Viral RNA Extraction Kit, CE-IVD	500 rxns
#AN0105	CVX™ Viral RNA Extraction Kit, CE-IVD	100 rxns

CVX-Mag™ Viral RNA Extraction Kit

- For a Higher Specificity & Sensitivity for **Manual & Automated** Extractions in **KingFisher™ Flex;**

- CVX-Mag™ Viral RNA Extraction Kit, based on Paramagnetic Beads technology, is a designed for rapid manual and automated purification of Viral RNA from cell such as Serum, Plasma, Urine, Cell free body fluids, Cell Culture supernatants and Rinse liquid from swabs samples;

- The extraction process includes an initial lysis step with the appropriate Buffer to ensure efficient lysis and nucleic acid release from the virus, Nucleic acid binding to the surface of the magnetic beads, washing and elution. Additionally, it includes the Carrier RNA that improves binding and recovery of low-concentrated viral RNA.

CAT#	PRODUTO	SIZE
#AN0501-XL	CVX-Mag™ Viral RNA Extraction Kit	500 rxns
#AN0501	CVX-Mag™ Viral RNA Extraction Kit	100 rxns

CVX™ COVID-19 Human IgG Indirect ELISA Kit

- CVX™ COVID-19 Human IgG Indirect ELISA Kit is designed, developed, and produced for the qualitative measurement of the human anti-COVID-19 nucleoprotein IgG antibodies in Serum or Plasma. This assay utilizes the microplate-based enzyme immunoassay

CAT#	PRODUTO	SIZE
#EL0074	CVX™ COVID-19 Human IgG Indirect ELISA Kit	96 well plate

Saliva RNA Sample Collection & Stabilization Kit

Saliva Sample Collection & Stabilization Kit offers an easy, convenient and safe method for the collection, stabilization, transportation and storage of saliva samples. It is based in an optimized **Saliva Preservation Solution** that effectively stabilizes buccal cells and white blood cells found in saliva over 1 year at room temperature and more than 2 years at -20 ºC or -80 ºC. It is individually packed.

CAT#	PRODUTO	SIZE
#SC021	Saliva RNA Sample Collection & Stabilization Kit	20 units
#SC022	Saliva RNA Sample Collection & Stabilization Kit	100 units
#SC023	Saliva RNA Sample Collection & Stabilization Kit	250 units

COVID-19 IgG/IgM Rapid Test

- Finger-prick specimen allows testing at point-of-care, saving crucial time;
- Results in 15 minutes, allow doctors to take immediate action;
- 97,1% sensitivity, 97,8% specificity (vs. PCR-confirmed specimens);
- Complementary to PCR by detecting immune response;
- Compatible with CTK Rapid test reader (RTR-1)
  - 200 tests/hour in batch mode;
  - Capable of connecting to Laboratory Information System (LIS);
  - Built-in barcode reader provides faster set-up;
  - Store up to 1.000 results, presented on screen, via pintout or uploaded to database

CAT#	PRODUTO	SIZE
#R0180C	Covid-19 IgG/IgM Rapid Test	30 tests

Antibodies and Proteins

R&D SYSTEMS
a bio-techne brand

CAT#	PRODUTO	SIZE
#MAB9334	Human ACE-2 Antibody	25 µg; 100 µg
#933-ZN	Recombinant Human ACE-2 Protein, CF	10 µg
#MAB105403	SARS-CoV-2 Spike S1 Subunit Antibody	25 µg; 100 µg
#10499-CV	Recombinant SARS-CoV-2 Spike RBD Fc Chimera Protein, CF	100 µg
#MAB10474	SARS-CoV-2 Nucleocapsid Antibody	25 µg; 100 µg
#10474-CV	Recombinant SARS-CoV-2 Nucleocapsid His Protein, CF	50 µg

PepTivator® SARS-CoV-2

Miltenyi Biotec

The PepTivator® Peptide Pools have been specially developed for efficient *in vitro* stimulation of antigen-specific CD4+ and CD8+ T cells, as peptides of 15 amino acid length with 11 amino acid overlap represent the optimized solution for stimulating both CD4+ and CD8+ T cells in various applications. Stimulation of T cells with PepTivator Peptide Pools causes the secretion of effector cytokines and upregulation of activation markers, which then allows the detection or isolation of antigen-specific T cells. Quantitative, phenotypical, or functional analysis of antigen-specific T cell immunity can provide important information on the natural course of immune responses in healthy or immunocompromised individuals.

CAT#	PRODUTO	SIZE
#130-126-702/3	PepTivator® SARS-CoV-2 Prot M - research grade	6 nmol/peptide; 60 nmol/peptide
#130-126-698/9	PepTivator® SARS-CoV-2 Prot_N- research grade	6 nmol/peptide; 60 nmol/peptide
#130-126-700/1	PepTivator® SARS-CoV-2 Prot_S- research grade	6 nmol/peptide; 60 nmol/peptide