

HIGHLIGHTS

STAR BEADS READY-TO-USE FORMAT



Cyanagen designed a ready-to-use kit to extract viral RNA to respond to the growing need to increase the number of performed tests for COVID-19 diagnosis. The **STAR BEADS Viral DNA / RNA Extraction Kit** is CE / IVD certified and allows to isolate and purify the viral RNA from the clinical sample and then perform the molecular test to visualize the Sars-CoV-2 virus. The simultaneous extraction from 96 samples takes

place in just over a quarter of an hour and does not require operator preparation. The kit avoids the need to dispense the reagents to perform the purification: the reagents are ready for use in the plates and is compatible with Thermo Fisher Scientific KingFisher™ Flex, Allsheng Auto-Pure96/Auto-Pure32, MolgenPurePrep 96/32, BIOER GenePure Pro 32, BIGFISH Nutraction 32 and other extraction systems.

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ISO 9001:2015 QUALITY CERTIFIED

ISO 9001
BUREAU VERITAS
Certification

ACCREDITED
BY ACCREDITA

ISO 13485:2016 coming soon

THE RIGHT LIGHT



www.cyanagen.com

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ABOUT CYANAGEN

Cyanagen Srl is an Italian biotech company founded in 2003. Design, development and production of reagents for DNA/RNA extraction, fluorescent and protein detection in the life sciences are our core business.

To contribute to the fight against COVID-19, **Cyanagen** developed a Viral DNA/RNA extraction kit, CE/ IVD, expanding from research life science to in vitro diagnostics.

Cyanagen is one of the world's leading manufacturers of chemiluminescent substrates for Western blotting and ELISA/CLIA and also offers fluorescent dyes for biological analysis, cell imaging, genomics, proteomics, and chemical sensors.

Our key technologies, covered by international patents, achieve outstanding performance in sensitivity, stability and ease of use.

Cyanagen's product lines are available for OEM and OEM CUSTOM sales, according to Clients' specifications.

Cyanagen offers clients support in R&D and problem-solving projects, as well as in international calls.

Customer satisfaction and product top quality are of paramount importance to us.

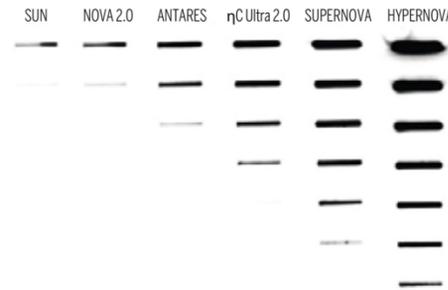
Cyanagen
Cyanagen is part of the RenalToolBox(New Tools for Kidney Research) project funded by **Innovative Training Network (ITN) EUMarie Skłodowska-Curie actions H2020.**

Cyanagen is in charge of developing near infrared (NIR) tracers to monitor kidney function.



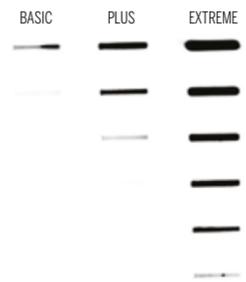
WESTAR

Westar is a broad two-component ECL HRP substrate product line for Western blotting. These substrates offer different levels of sensitivity for your Western blotting, allowing from picogram to femtogram detection range. WESTAR HYPERNOVA is the most potent substrate on the market with its extreme sensitivity.



WESTAR-ONE

Westar-One is the one-component ECL HRP substrate product line for Western blotting. Three levels of sensitivity up to femtogram detection are available. Pre-mixed solutions, based on proprietary technology, provide convenience, increased consistency in your results, avoiding pipetting errors and possible contaminations.



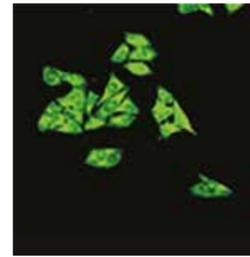
IR-BLOT SECONDARY ANTIBODIES

IR-BLOT secondary antibodies are high-quality secondary antibodies optimised for quantitative Western blot in the infrared region. These antibodies are highly cross-adsorbed, so ensuring extremely low background and specific signal.



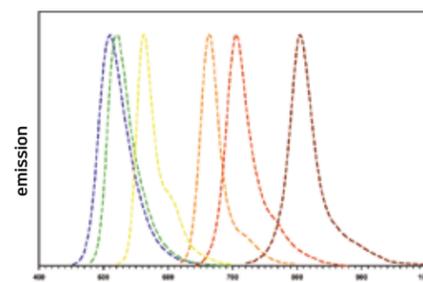
STAR FLUOR ANTIBODIES

STAR FLUOR Abs are fluorescent, highly cross-adsorbed antibodies for the most common fluorescent immunoassays, such as Western blot, cell imaging and flow cytometry. These antibodies are highly cross-adsorbed, so ensuring minimal cross-reactivity when using antibodies from different host species. Antibody Labeling Kit is also available.



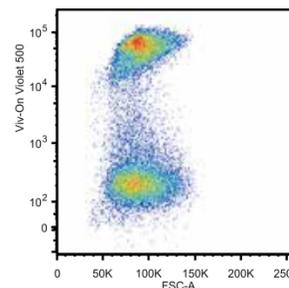
STAR FLUOR REACTIVE DYES

STAR FLUOR REACTIVE DYES are a broad range of fluorescent dyes for various applications. The line of dyes covers a broad spectrum from 400 to 800 nm. STAR FLUOR Reactive dyes are available as Amine-reactive substrates in the N-hydroxy succinimide (NHS) ester form, known as succinimidyl esters (SE).



OTHER REAGENTS

- RENEW stripping buffer is a ready-to-use solution for removing primary and secondary antibodies from membranes
- VIV-ON FIXABLE VIABILITY DYES are high fluorescent dyes for live-dead cell discrimination in flow cytometry applications
- RUTHENIUM COMPLEXES for fluorescence polarisation assays and fluorescence lifetime imaging applications
- CROSSLINKERS chemical compounds used to bind covalently, or conjugate, biomolecules



STAR BEADS VIRAL DNA/RNA EXTRACTION KIT – ALSO FOR COVID-19

The kit is based on magnetic beads technology, CE/IVD certified and validated for COVID-19 diagnosis workflow. It is compatible with different matrices, such as Saliva, Swabs, Serum, Plasma and other body fluids. Available in both BOTTLE and the 96 and 32 test PREFILLED PLATE Formats. This latter ready-to-use format requires only to add the analytical sample. It is compatible with Thermo Fisher Scientific KingFisher™ Flex, Allsheng Auto-Pure96 Auto-Pure32A, Molgen PurePrep 96, BIOER GenePure Pro 32, BIGFISH Nutraction 32 and many other extraction systems. The extraction time is 18 minutes for 96 samples and 22 minutes for 32 samples.



DIAGNOSTIC KITS – COMING SOON

- STAR BEADS Pathogen DNA/RNA extraction kit
- STAR BEADS Genomic DNA extraction kit
- STAR BEADS Anti SARS-CoV-2 IgG



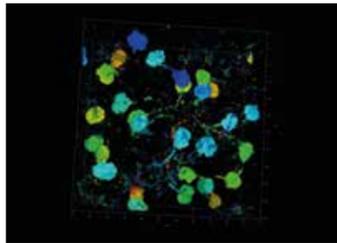
MAGNETIC BEADS

STAR BEADS Magnetic Beads are ideal for the purification or isolation of nucleic acids from various sources. They can be used for the development of customized nucleic acid isolation and extraction methods. The customization includes Surface activation, Exomes, Streptavidin, T cell activation, cell isolation, Immunoprecipitation and other functionalizations.



FLUORESCENT PROBES

STAR FLUOR fluorescent dyes are a series of fluorescent dyes in the broad range from 400 to 800 nm. STAR FLUOR fluorescent dyes are available for customization with various reactivities and conjugates with biomolecules, polymers, etc., for any application.



ELISTAR

ELISTAR are ultrasensitive chemiluminescent substrates for horseradish peroxidase (HRP) based immunoassays dedicated to OEM sales. ELISTAR are ideal substrates when developing chemiluminescent immunoassays due to the different levels of sensitivity within the class.



CUSTOM DESIGN & PRODUCTION

- Customized diagnostic kits
- Chemical compound synthesis
- Customized R&D project
- National and International collaborations for research calls

