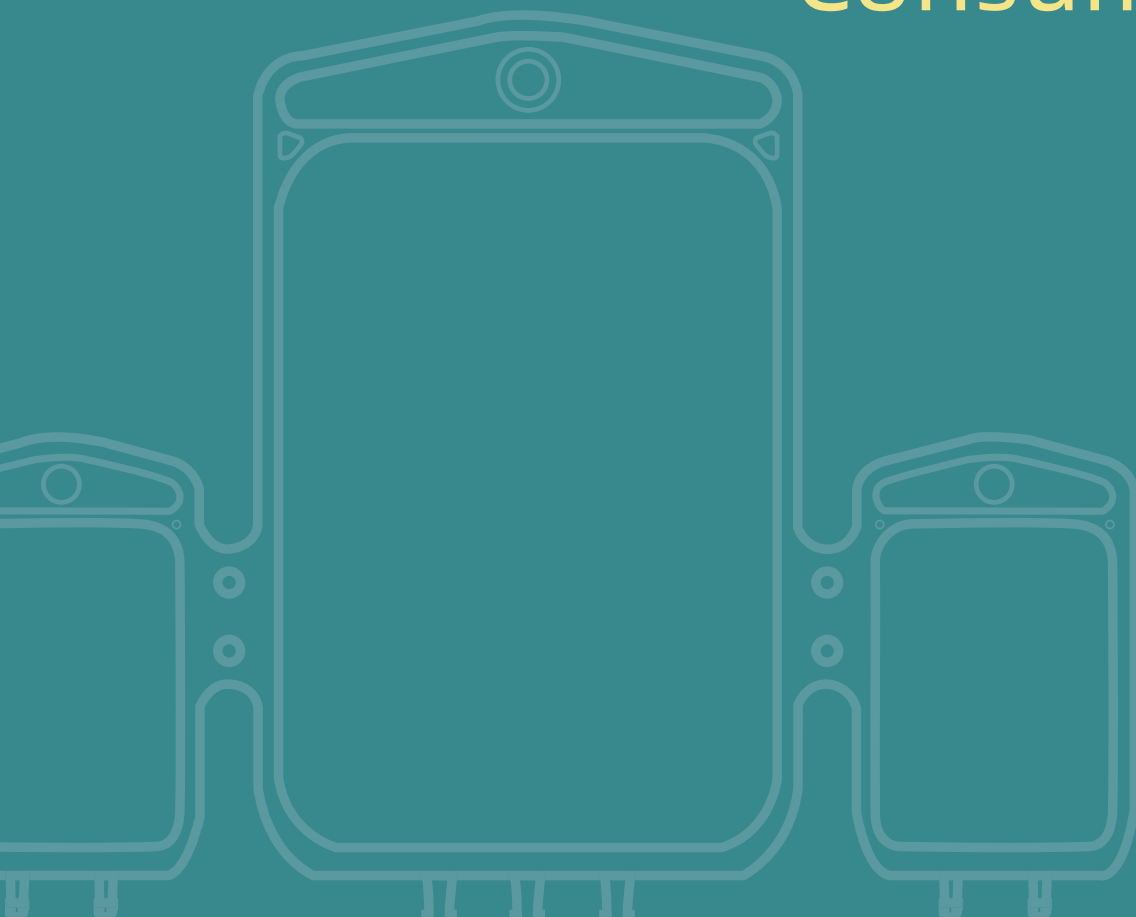




NovaLinX[®]

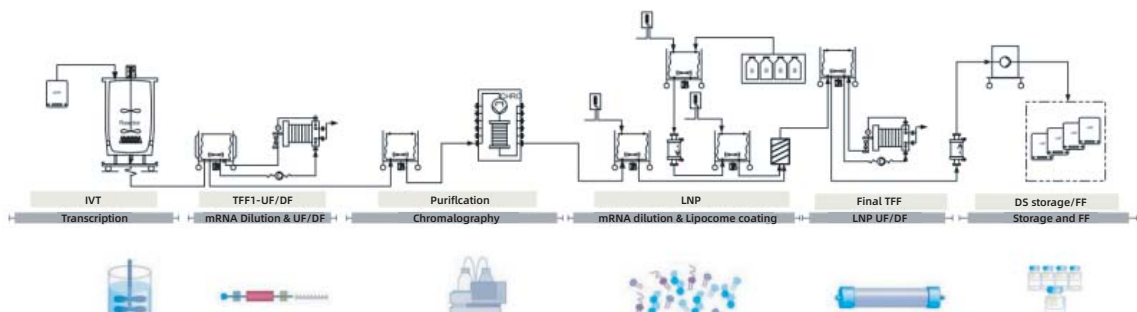
**RNase-free
Disposable
Consumables**



NovaLinX® RNase-free Disposable Consumables

mRNA, a new generation technology platform that is expected to change traditional ways of vaccines and monoclonal antibodies development and manufacturing. Due to its short R&D cycle, simple production process, strong immunogenicity and high safety, mRNA has the potential to be widely applied in various fields such as vaccines for infectious diseases, tumor immunology and recombinant protein.

Ribonucleases (RNase), a class of nucleic acid hydrolases that are widely found in animals and plants. Due to its "ubiquitous" nature, it is necessary to take multiple and complex clean-ups to eliminate the effects of RNase in the mRNA production process, which greatly reduces the production efficiency. Meanwhile, the process validation and verification of RNase removal are also time-consuming and labor-intensive. Therefore, RNase-free disposable consumables are highly welcomed by mRNA manufacturers using single-use bioprocess technology for production. In addition, RNase level within those consumables shall be inspected before release and can be verified post-use without damage.



As a supplier of bioprocess disposable equipment and consumables for bio-processing, Bio-Link has launched an innovative design of RNase-free bioprocess disposable consumables for the first time with 100% RNase/DNase inspection and release of products and customer verification. The company has been working with biopharmaceutical companies to accelerate the application of disposable biotechnology products in mRNA R&D and production.



Features:

- Master bag + Innovative design of double satellite bags (enabling RNase-/DNase-free bags 100% individual inspection)
- Identical material / production environment of master bag and satellite bag
- Satellite bag -1 (QC Release) For RNase inspection prior to product release
- Satellite bag -2 (Customer Verification) For customer verification test before/after use
- Different sizes / models of bioprocess disposable products (Mixing bags + Bioreactor bags + cellbag, etc.)
- High standard production environment control and monthly RNase monitoring



Product Specifications and Ordering Information:

Final A Film Product No.	Volume	Bag Design	Line 1	Line 2	Line 3
ARF01LCPPLO0	1 L	Hanging hole	50 cm ID1/4" * OD7/16" C-Flex TPE tube + plug	50 cm ID1/4" * OD7/16" C-Flex TPE tube + plug	
ARF02LCPPLO0	2 L	Hanging hole			
ARF05LCPPLO0	5 L	Hanging rod + Hanging hole			30 cm ID1/4"*OD7/16" C-Flex TPE tube + Needleless sampling valve
ARF10LCPPLO0	10 L	Hanging rod + Hanging hole	50 cm ID3/8" * OD5/8" C-Flex TPE tube + plug	50 cm ID3/8" * OD5/8" C-Flex TPE tube + plug	
ARF20LCPPLO0	20 L	Hanging rod + Hanging hole			
ARF50LCPPLO0	50 L	Hanging rod + Hanging hole			
ARF01LHAAL00	1 L	Hanging hole	50 cm ID1/4" * OD7/16" Platinum 50 Platinum cured silicone tube + AseptiQuik® G Sterile Connector	50 cm ID1/4" * OD7/16" Platinum 50 Platinum cured silicone tube + AseptiQuik® G Sterile Connector	
ARF02LHAAL00	2 L	Hanging hole			30 cm ID1/4"*OD7/16" C-Flex TPE tube + Needleless sampling valve
ARF05LHAAL00	5 L	Hanging rod + Hanging hole			
ARF10LHAAL00	10 L	Hanging rod + Hanging hole	50 cm ID3/8" * OD5/8" Platinum 50 Platinum cured silicone tube + AseptiQuik® G Sterile Connector	50 cm ID3/8" * OD5/8" Platinum 50 Platinum cured silicone tube + AseptiQuik® G Sterile Connector	
ARF20LHAAL00	20 L	Hanging rod + Hanging hole			
ARF50LHAAL00	50 L	Hanging rod + Hanging hole			
ARF01LX11L00	1 L	Hanging hole	50 cm ID1/4" * OD7/16" Platinum 50 Platinum cured silicone tube + MPC female connector	50 cm ID1/4" * OD7/16" C-Flex TPE tube + MPC male connector	
ARF02LX11L00	2 L	Hanging hole			30 cm ID1/4"*OD7/16" C-Flex TPE tube + Needleless sampling valve
ARF05LX11L00	5 L	Hanging rod + Hanging hole			
ARF10LX11L00	10 L	Hanging rod + Hanging hole	50 cm ID3/8" * OD5/8" Platinum 50 Platinum cured silicone tube + MPC female connector	50 cm ID3/8" * OD5/8" C-Flex TPE tube + MPC male connector	
ARF20LX11L00	20 L	Hanging rod + Hanging hole			
ARF50LX11L00	50 L	Hanging rod + Hanging hole			
ARF01LXCCL00	1 L	Hanging hole	50 cm ID1/4" * OD7/16" Platinum 50 Platinum cured silicone tube + TC25 connector	50 cm ID1/4" * OD7/16" C-Flex TPE tube + TC25 connector	
ARF02LXCCL00	2 L	Hanging hole			30 cm ID1/4"*OD7/16" C-Flex TPE tube + Needleless sampling valve
ARF05LXCCL00	5 L	Hanging rod + Hanging hole			
ARF10LXCCL00	10 L	Hanging rod + Hanging hole	50 cm ID3/8" * OD5/8" Platinum 50 Platinum cured silicone tube + TC25 connector	50 cm ID3/8" * OD5/8" C-Flex TPE tube + TC25 connector	
ARF20LXCCL00	20 L	Hanging rod + Hanging hole			
ARF50LXCCL00	50 L	Hanging rod + Hanging hole			

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