

Join the mRNA Revolution with our Purification Starter Pack

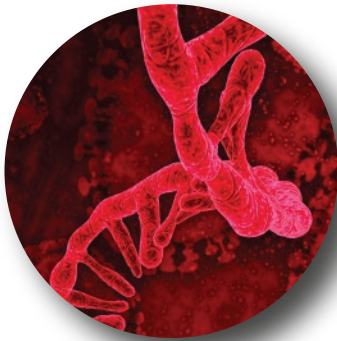
Inexpensive and the Best Combination on the Market RNASep™ Prep Column and TEAA Buffer Trial Pack

Get started on your in vivo mRNA purification with the original columns and buffers used by *Kariko et al.* and still employed by large CMOs for novel RNA vaccines and therapeutics. These two starter products work with nearly all HPLC instruments on the market.



Reach us at info@adsbiotec.com today for a quote and other instructions.

Why ADS Biotec is the Leader in mRNA Therapeutics Purification



Create effective mRNA vaccines using our RNASep and other HPLC purification columns. All our columns and buffers are generated using proprietary methods, and are finally calibrated by our team of experts prior to lot release. As evidence these products – based on PS-DVB resins – were the first used by the breakthrough Kariko laboratory for in vivo use – and still are used by ADS Biotec's clinical customers today under established FDA guidance documents.

ADS Biotec offers you all the advantages necessary for in vivo mRNA purification.

ADS Biotec HPLC Columns: Best for Your mRNA Proof of Concept Research

	ADS Biotec Columns	Silica-Based Columns	Anion-Exchange Columns	Oligo-DT Columns
Numerous instruments and methods available in biotech labs	X	X	X	X
'Plug and play' capability for fast access to mRNA studies	X	X	X	X
Highest-quality matched buffers available, QCd on instrumentation	X			
Durable, long life columns for supply chain issues in scaleup	X			
Handles any length of mRNA including without polyA tails	X			
Cited as best method by leaders in mRNA – and multiple large CMOs	X			
FDA Guidance for solvents in place for late clinical trials – no chaotropic/nucleic acid contaminants	X			

Highly Effective Vaccines and Therapeutics Begin with the Original mRNA HPLC Purification Columns and Buffers Supplied by ADS Biotec



Material and Reagent Manufacturing

- Raw materials testing and inspection
- Manufacture of reagents\buffers, including flammable liquid
- In-process batch Quality testing and sample adjustments
- Manufacture of kit components as well as assembly and packaging of complete kits
- Finished product analysis
- Consistent and reproducible high-volume production
- Label design and packaging to meet customer specifications

Evaluation Capability

- Documented protocols for raw materials acceptance and evaluation
- Shelf-life / stability testing

Quality

- ISO-9001 Certification by British Standards Institute.
- Compliance with ISO 13485 requirements for IVD products.



Analytical Capabilities

Instrumentation: HPLC (UV\FI), Amino Acid Analysis, CE, GC (FID), FT-IR, Caliper GX-100 (CE), Shimadzu MultiNA (CE).

Wet Chemistry: Densitometry, pH, Conductivity, Viscometry, Karl-Fischer (water), UV

Biological Capabilities

Instrumentation: FPLC, UV Spectrophotometry, HPLC, scintillation counter.

Wet Chemistry: PCR, DNA Markers, protein isolation\purification by size exclusion\ affinity chromatography, media preparation, plasmid growth\purification, enzyme activity radioactive\functional assay

mRNA Purification Starter Pack Order Information

Product Description			Catalogue Numbers
RNAsep™ Prep Column	Separation, purification and QC of RNA molecules	7.8 x 50 mm	RNA-99-3810
TEAA Buffer Trial Pack	Triethylammonium Acetate based HPLC trial pack:		SP2038
	Triethylammonium Acetate Buffer A – 0.1 M TEAA in water	1 x 2.5 L	
	Triethylammonium Acetate Buffer B – 0.1 M TEAA in water	1 x 2.5 L	
	Column Wash Solution D (75 % acetonitrile)	1 x 2.5 L	

Contact Information



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