

mRNA	Picture	Name	Description	Volume (mL)	Container (# X mL)
		ATP	Adenosine tri-phosphate	1.52	1 X 2
		CTP	Cytidine triphosphate	1.52	1 X 2
		GTP	Guanosine triphosphate	1.52	1 X 2
		Cap analog	CleanCAP® TriLink® AG or CleanCAP® TriLink® AG 3' OMe	0.51	1 X 2
		Uridine	rUTP or Pseudo-UTP or 1-Methylpseudo Uridine	1.52	1 X 2
		Mix 2	Enzymes	3.8	2 X 2
		Mix 3	IVT Buffer	4.8	1 X 15
		Mix 4	DNA removal	1.7	2 X 2
		Mix 5	Quenching	4.4	1 X 15
		Mix 6	Purification (High-Salt buffer + beads)	20.7	1 X 30
		Binding Buffer	High-Salt Buffer	124.2	1 X 125
		Mix 7 – optional*	100% EtOH	250 mL	1 X 250
		Mix 8	Water	500 mL	1 X 500

*Ethanol can be included in your shipment or sourced independently. Because shipping regulated liquids significantly increases freight costs, we generally recommend purchasing ethanol through your local laboratory supplier. However, if you prefer a single-source solution, Quantoom is happy to provide it as part of your complete package.