

The extensive use of sensitive assays for the detection of viral and cellular RNA sequences has created a need for stable, well-characterized RNA controls, calibrators and standards. Armored Technology™, including qualitative Armored RNA[®] and quantitative Armored RNA Quant[®], was developed to meet that need and provide reliable, accurate results for a wide variety of molecular applications.



Armored RNA[®] Provides

- Noninfectious** qualitative controls and quantitative standards which provide user safety and reduced shipping costs.
- Homogenous** sequence-defined transcripts with a known copy input number for accurate quantitation in viral and oncology molecular assays.
- Protection** of RNA transcripts from ribonucleases which creates robust, stable RNA controls, standards and calibrators not prone to degradation in human plasma and other biological matrices.
- Compatibility** with many RNA-based molecular assays and sample extraction methods to ease implementation.
- Reliable** quality and lot-to-lot consistency.
- Customization** abilities offer packaging of your specific RNA or DNA target with Armored Technology™.

Applications and Uses

- Assess quantitative assay performance with Armored RNA Quant[®]
- External Extraction Controls to determine extraction efficiency
- External RT-PCR Control for direct detection of target
- Assay development for viral or human target of interest
- Daily controls to verify assay performance
- Internal exogenous controls to normalize data

Armored Technology™ is available for licensing from Asuragen, Inc, for use in commercial products and services.

**For Research Use Only. Not for Use in Diagnostic Procedures*



Contact Asuragen to learn more.

Quantitative Armored RNA*

Armored RNA Quant - Oncology Targets		Unit Amount	Price
42045	Armored RNA Quant BCR/ABL b3/a2 (5 x 10 ⁵ copies/mL)	5 x 100 µl	\$390
42047	Armored RNA Quant BCR/ABL b2/a2 (5 x 10 ⁵ copies/mL)	5 x 100 µl	\$390
42046	Armored RNA Quant BCR/ABL e1/a2 (5 x 10 ⁵ copies/mL)	5 x 100 µl	\$390
Armored RNA Quant - Enterovirus		Unit Amount	Price
42102	Armored RNA Quant Enterovirus (5 x 10 ⁵ copies/mL)	5 x 100 µL	\$390
Armored RNA Quant - Hepatitis C Virus		Unit Amount	Price
42101	Armored RNA Quant HCV (Genotype 2b) (5 x 10 ⁵ copies/mL)	5 x 100 µL	\$390
Armored RNA Quant - Human Immunodeficiency Virus		Unit Amount	Price
42103	Armored RNA Quant HIV (Subtype B) (5 x 10 ⁵ copies/mL)	5 x 100 µL	\$390

Qualitative Armored RNA*

Armored RNA - Human Immunodeficiency Virus		Unit Amount	Price
42000	Armored RNA HIV (Subtype B)	250 µl	\$186
42001	Armored RNA HIV (Subtype B) Amplicor® HIV-1 Monitor® Qualified Low Positive Control	Custom Orders Only	Please Inquire
42002	Armored RNA HIV (Subtype B) Amplicor® HIV-1 Monitor® Qualified High Positive Control	250 µl	\$186
Armored RNA - Hepatitis C Virus		Unit Amount	Price
42004	Armored RNA Hepatitis C Virus (Genotype 1a)	250 µl	\$186
42006	Armored RNA Hepatitis C Virus (Genotype 1b)	250 µl	\$186
42008	Armored RNA Hepatitis C Virus (Genotype 2a/c)	250 µl	\$186
42010	Armored RNA Hepatitis C Virus (Genotype 2b)	250 µl	\$186
42011	Armored RNA Hepatitis C Virus (Genotype 2b) Amplicor® HCV-1 Monitor® Qualified Positive Control	Custom Orders Only	Please Inquire
42012	Armored RNA Hepatitis C Virus (Genotype 3a)	250 µl	\$186
42200	Armored RNA Hepatitis C Virus Panel I (Genotypes 1a, 1b, 2a/c, 2b, 3a)	5 X 250 µl	\$826
Armored RNA - Hepatitis G Virus		Unit Amount	Price
42024	Armored RNA Hepatitis G Virus	250 µl	\$186
Armored RNA - Norwalk Virus		Unit Amount	Price
42030	Armored RNA Norwalk Virus (Genogroup I)	250 µl	\$186
42032	Armored RNA Norwalk Virus (Genogroup II)	250 µl	\$186
Armored RNA - West Nile Virus		Unit Amount	Price
42040	Armored RNA West Nile Virus (HNY1999)	250 µl	\$186
42041	Armored RNA West Nile Virus (NEN)	250 µl	\$305
42042	Armored RNA West Nile Virus (Cap)	250 µl	\$186
Armored RNA - Dengue Virus		Unit Amount	Price
42044	Armored RNA Dengue Virus (Type 1)	250 µl	\$186
Armored RNA - Enterovirus		Unit Amount	Price
42050	Armored RNA Enterovirus	250 µl	\$186
Armored RNA - SARS		Unit Amount	Price
42090	Armored RNA SARS (BNI-1)	Custom Orders Only	Please Inquire
42091	Armored RNA SARS (CoV-NC)		