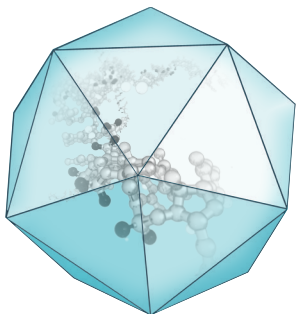


ARMORED RNA®



**THE GOLD
STANDARD FOR
MOLECULAR
QUALITY
CONTROL**

Armored RNA products can be deployed as controls at all stages of a molecular testing workflow from extraction to detection and they serve as a total process control for your molecular assays. They are the most commonly used controls across major commercial molecular infectious disease assays.

The versatile, stable and non-infectious nature of Armored RNA controls renders them usable across all stages of an assay's lifecycle, from development to routine use in the clinical laboratory.

REDUCED COMPLEXITY

- Flexible: Virtually any nucleic acid sequence can be encapsulated as a control, offering a unique, consistent option for assay controls across a wide range of targets
- Safe: Synthetic and non-infectious Armored products simplify shipping and storage while maximizing cost savings

OPTIMIZED WORKFLOW

- Scalable: From pilot lot volume to full cGMP manufactured lots, scalable manufacturing allows incorporation of Armored products in all stages of assay development and routine testing, ensuring end-to-end continuity of control material
- Stable: Degradation resistance in the majority of biological matrices and compatibility with most RNA-based clinical assays after simple extraction or heat-lysis, ensures suitability in most assays with little-to-no workflow disruption

QUALITY PERFORMANCE

- Reliable: Highly standardized, quality controlled and proven manufacturing conditions up to full cGMP manufacturing, ensure product quality and reliability are consistent over time

ARMORED RNA® & ARMORED RNA QUANT®

Armored RNA® (AR) is Asuragen's original qualitative product that is constructed through expression and coat protein encapsulation in *E. coli*.

Armored RNA Quant® (ARQ) is preferred for quantitative applications and is constructed by *in vitro* encapsulation of an *in vitro* transcribed (IVT) RNA.

ORDERING INFORMATION

CATALOG PRODUCTS AVAILABLE FOR IMMEDIATE SUPPLY*

ARMORED RNA®	ITEM #	SIZE	PRICE
Armored RNA Hepatitis C Virus (Genotype 2b)	42010	250 µL	\$252
Armored RNA Hepatitis G Virus	42024	250 µL	\$252
Armored RNA Enterovirus	42050	250 µL	\$252
ARMORED RNA QUANT®	ITEM #	SIZE	PRICE
Armored RNA Quant Enterovirus (5 x 10 ⁵ copies/mL)	42102	5 x 100 µL	\$528

*Subject to inventory availability

Over 10 years, we have developed core know-how for a broad range of target sequences and have retained the capabilities to rapidly manufacture and custom fill a number of defined-target Armored products using established and proven development and production processes.

DEFINED-TARGET ARMORED PRODUCTS*

HUMAN IMMUNODEFICIENCY VIRUS	ITEM #	ENTEROVIRUS	ITEM #
Armored RNA HIV (Subtype B)	42000	Armored RNA Enterovirus	42050
Armored RNA Quant HIV (Subtype B) (5x10 ⁵ copies/mL)	42103	Armored RNA Quant Enterovirus (5x10 ⁵ copies/mL)	42102
HEPATITIS C VIRUS	ITEM #	NORWALK VIRUS	ITEM #
Armored RNA Hepatitis C Virus (GT 1a)	42004	Armored RNA Norwalk Virus (Genogroup I)	42030
Armored RNA Hepatitis C Virus (GT 1b)	42006	Armored RNA Norwalk Virus (Genogroup II)	42032
Armored RNA Hepatitis C Virus (GT 2a/c)	42008	WEST NILE VIRUS	ITEM #
Armored RNA Hepatitis C Virus (GT 2b)	42010	Armored RNA West Nile Virus (HNY1999)	42040
Armored RNA Hepatitis C Virus (GT 3a)	42012	Armored RNA West Nile Virus (NEN)	42041
Armored RNA Quant HCV (GT 2b) (5x10 ⁵ copies/mL)	42101	Armored RNA West Nile Virus (Cap)	42042
HEPATITIS G VIRUS	ITEM #	SARS	ITEM #
Armored RNA Hepatitis G Virus	42024	Armored RNA SARS (BNI-1)	42090
DENGUE VIRUS	ITEM #	Armored RNA SARS (CoV-NC)	42091
Armored RNA Dengue Virus (Type 1)	42044		

*These controls can be supplied as development or manufacturing (cGMP) grade materials. For Research Use Only. Not for use in diagnostic procedures.

For more information, please contact | armored@asuragen.com



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