AMPIVIEW® NORAD (AS) Dig RNA Probes (Mouse) Set

A digoxigenin-labeled RNA probe for the *in situ* hybridization (ISH) detection lncRNA NORAD in mouse or rat cells and tissues

AMPIVIEW® NORAD (AS) Dig RNA Probes (mouse) are digoxigenin-labeled RNA probes targeting NORAD lncRNA for *in situ* hybridization in tissues and cells. The probes are formulated in a buffered formamide solution with hybridization enhancers.

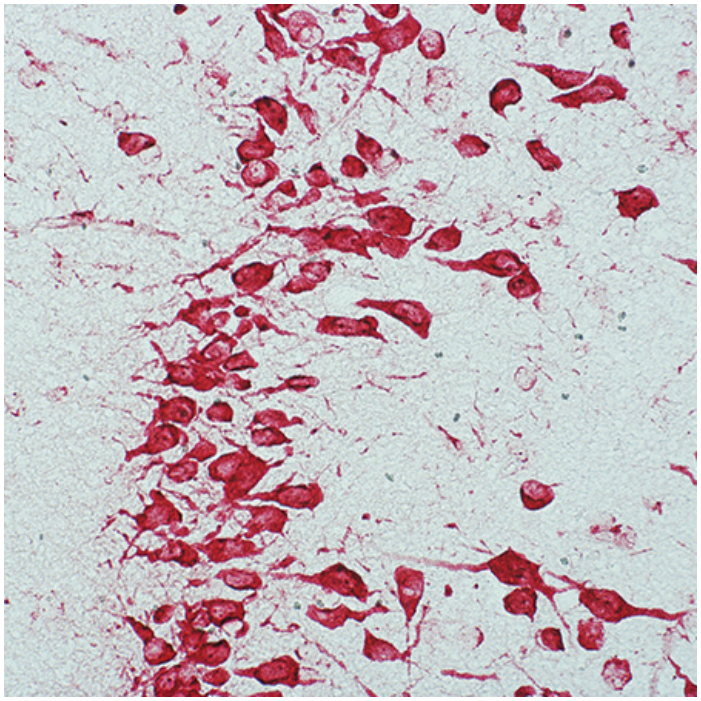
Ordering Information

Order Online »

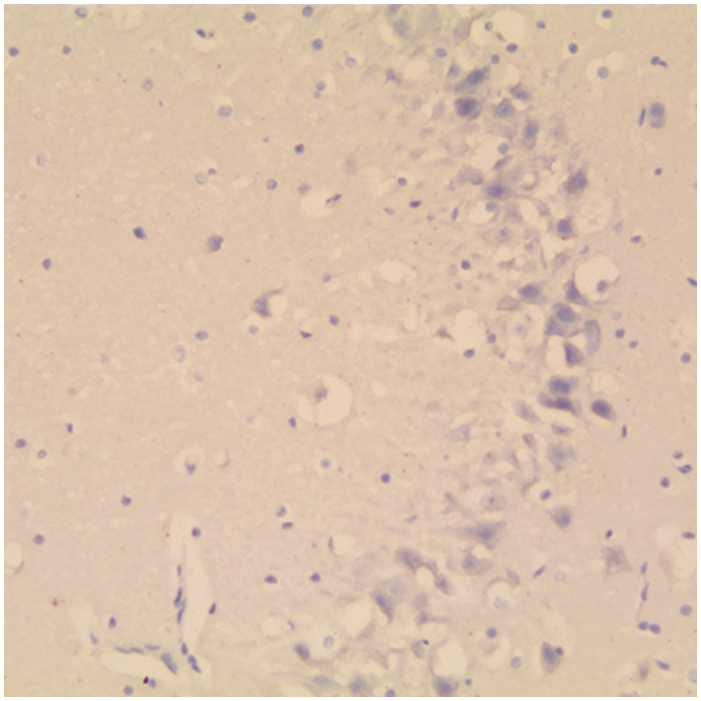
ENZ-GEN178-2000	2ml

Manuals, SDS & CofA

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NORAD (red) detection in rat brain tissue specimen with AMPIVIEWâ„¢ NORAD (AS) Dig RNA probes amplified with DIGXÂ® rabbit anti-digoxigenin linker (ENZ-ABS303), detected with POLYVIEWÂ® PLUS AP (anti-rabbit) (ENZ-ACC110) combined with HIGHDEFÂ® Red AP Substrate/Chromogen and hematoxylin.



NORAD detection in rat brain tissue specimen AMPIVIEWâ„¢ NSP-Dig RNA probes (negative control), amplified with DIGXÂ® rabbit anti-digoxigenin linker (ENZ-ABS303), detected with POLYVIEWÂ® PLUS AP (anti-rabbit) (ENZ-ACC110) combined with HIGHDEFÂ® Red AP Substrate/Chromogen and hematoxylin.

Handling & Storage

Use/Stability	Aliquot and store at -20°C or -80°C. Under these conditions, products are stable until its expiration dates.
Handling	Allow contents to warm up to room temperature prior to use.
Short Term Storage	-20°C
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	ISH (in situ hybridization)
Application Notes	AMPIVIEW® NORAD (AS) Dig RNA probes have been designed to target mouse or rat non-coding RNA activated by DNA damage (NORAD) in tissues and cells. NORAD is a highly abundant, highly conserved mammalian long non-coding RNA (lncRNA) that is induced after DNA damage. AMPIVIEW® NORAD (AS) Dig RNA probes are conjugated with digoxigenin and have been optimized to produce clear results with Enzo's DIGX® anti-digoxigenin linker and nanopolymner-based detection systems, POLYVIEW® PLUS, combined with HIGHDEF® chromogens and counterstain to produce clear results that can be visualized with a light microscope.
Contents	2 x 1 mL AMPIVIEW® NORAD (AS) Dig RNA Probes (2µg/mL) 1 x 2 mL AMPIVIEW® Hybridization Buffer (1X)

Technical Info / Product Notes

NORAD is a long non-coding RNA that is induced after DNA damage. LncRNAs are identified as critical regulators in cerebral ischemia/reperfusion injury and are known to play an important role in the process of aging mammals.

AMPIVIEW® NORAD (AS) Dig RNA Probes are optimized for detection of NORAD RNA or RNA/DNA in FFPE tissues or cells with DIGX® anti-digoxigenin linker, POLYVIEW® PLUS detection reagents combined with HIGHDEF® chromogens and counterstains (linker and detection solutions not included). Dilutions and concentration optimization can be done with AMPIVIEW® Hybridization Buffer (1X), included in this set.

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