AMPIVIEW® GAPDH and NSP Dig Control Probes Kit

Positive and negative control RNA probes labeled with digoxigenin for *in situ* hybridization (ISH) in cells and tissues.

AMPIVIEW® GAPDH(AS) Dig RNA Probes are digoxigenin-labeled RNA probes targeting GAPDH nucleic acid (DNA/RNA or RNA) for *in situ* hybridization in tissues. GAPDH has been used as a housekeeping gene due to its ubiquitous nature. AMPIVIEW® NSP Dig RNA probes have been designed with a non-specific sequence to use as a negative control. The probes are formulated in a buffered formamide solution with hybridization enhancers.

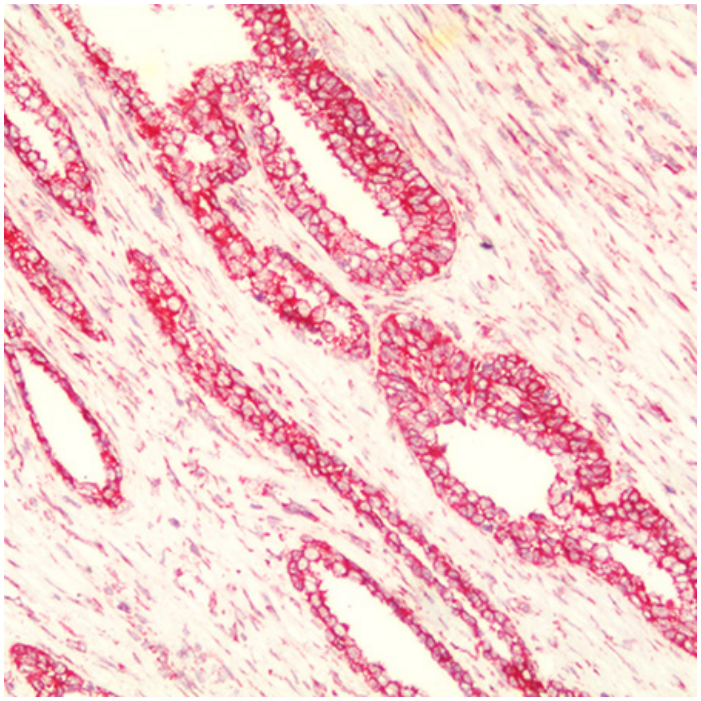
Ordering Information

Order Online »

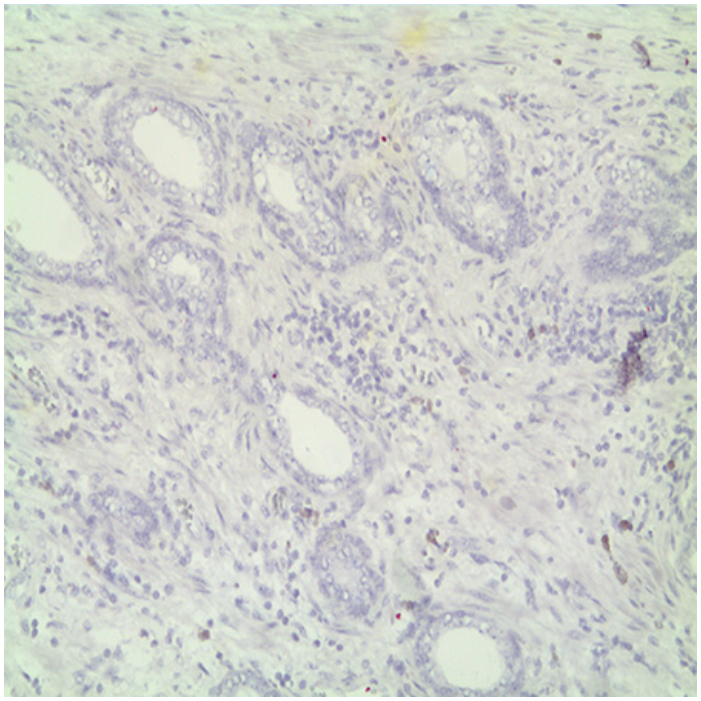
ENZ-KIT224-0040	40 tests

Manuals, SDS & CofA

View Online »



GAPDH (red) detected in prostate tissue with AMPIVIEWâ„¢ GAPDH (AS) Dig RNA probes, DIGXÂ® rabbit anti-digoxigenin linker, POLYVIEWÂ® PLUS AP (anti-rabbit) Detection reagent combined with HIGHDEFÂ® Red AP IHC chromogen and counterstained with HIGHDEFÂ® Hematoxylin.



No signal detected in prostate tissue with AMPIVIEWâ„¢ NSP Dig RNA probes, DIGXÂ® anti-digoxigenin linker, POLYVIEWÂ® PLUS AP Detection reagent combined with HIGHDEFÂ® Red AP IHC chromogen and counterstained with HIGHDEFÂ® 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® GAPDH and NSP Dig Control Probes Kit contains AMPIVIEW® GAPDH (AS) Dig RNA probes (positive control) and NSP Dig RNA probes (negative control) for *in situ* hybridization in tissues and cells. AMPIVIEW® GAPDH (AS) Dig RNA probes have been designed to target human glyceraldehyde-3- phosphate dehydrogenase (GAPDH) in tissues and cells. AMPIVIEW® NSP Dig RNA probes have been designed with a non-specific sequence to use as a negative control. Both probes have a digoxigenin label and have been optimized to produce clear results with Enzo's DIGX® anti-digoxigenin linker and nanopolymner-based detection systems such as 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® GAPDH (AS) Dig RNA Probes (2µg/mL)
2 x 1 mL AMPIVIEW® NSP Dig RNA Probes (RTU)
1 x 2 mL AMPIVIEW® Hybridization Buffer (1X)

Technical Info / Product Notes Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a glycolytic and key regulatory enzyme and most commonly used as a housekeeping gene.

AMPIVIEW® GAPDH (AS) Dig RNA Probes are optimized for detection of GAPDH RNA or RNA/DNA in FFPE tissues or cells. AMPIVIEW® NSP Dig RNA Probes are ready-to-use probes that have been designed with a non-specific sequence. Both probes can be detected 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 kit.

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