AMPIVIEW® HER-2 (AS) Dig RNA Probes Set

A digoxigenin-labeled RNA probe for the *in situ* hybridization (ISH) detection of HER-2 RNA or DNA/RNA in cells and tissues

AMPIVIEW® HER-2 (AS) Dig RNA Probes are digoxigenin-labeled RNA probes targeting HER-2 nucleic acid (DNA/RNA or RNA) for *in situ* hybridization in tissues and cells. The probes are formulated in a buffered formamide solution with hybridization enhancers.

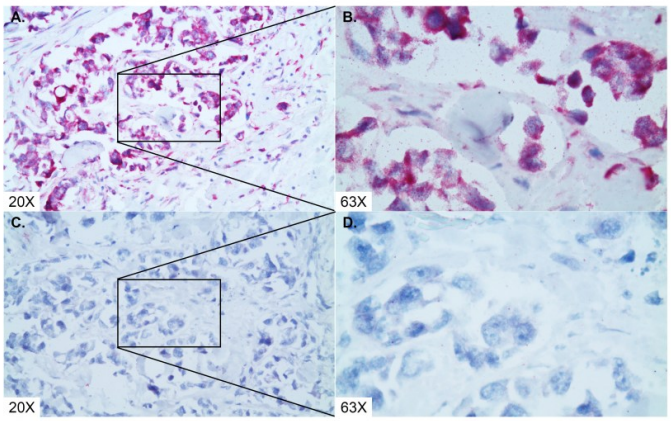
Ordering Information

Order Online »

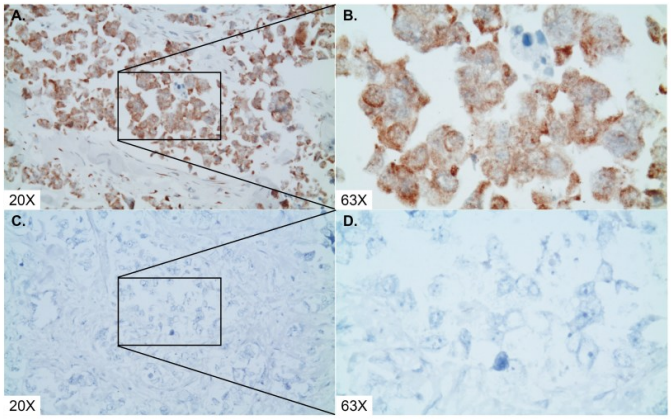
ENZ-GEN139-2000	2ml

Manuals, SDS & CofA

View Online »



HER-2 (red) was detected in breast, ductal infiltrative carcinoma with A.-B. AMPIVIEW® HER-2 (AS) Dig RNA probes and C.-D. AMPIVIEW® NSP Dig RNA probes, amplified with DIGX® rabbit anti-digoxigenin linker and detected with POLYVIEW® PLUS (anti-r) AP reagent combined with HIGHDEF® red AP chromogen and counterstained with HIGHDEF® hematoxylin.



HER-2 (brown) was detected in breast, ductal infiltrative carcinoma with A.-B. AMPIVIEW® HER-2 (AS) Dig RNA probes and C.-D. AMPIVIEW® NSP Dig RNA probes, amplified with DIGX® rabbit anti-digoxigenin linker and detected with POLYVIEW® PLUS (anti-r) HRP reagent combined with HIGHDEF® DAB chromogen/substrate and counterstained with HIGHDEF® hematoxylin.

Handling & Storage

Use/Stability	Upon receipt, aliquot and store at -20°C. For long-term storage, store at -80°C. These products, under these conditions, are stable until the expiration date.
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® HER-2 (AS) Dig RNA probes have been designed to detect the nucleic acid that encodes the human epidermal growth factor receptor-2 (HER-2, HER2/neu, c-erbB2) in tissues and cells. HER-2 is a membrane tyrosine kinase, an oncogene that is overexpressed and amplified in many cancer cells. AMPIVIEW® HER-2 (AS) Dig RNA probes are conjugated with digoxigenin and have been optimized to be amplified with DIGX® anti-digoxigenin linker and detected with 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® HER-2 (AS) Dig RNA Probes (2µg/mL) 1 x 2 mL AMPIVIEW® Hybridization Buffer (1X)
Technical Info / Product Notes	AMPIVIEW® HER-2 (AS) Dig RNA Probes are optimized for detection of HER-2 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.

Last modified: April 16, 2025

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