60011/60012/NA.PPI01.030.H

Instructions for use

Naveni® PD1/PD-L1 BOND RX HRP/Atto647/Red

Naveni® PD1/PD-L1 BOND RX is a kit with pre-optimized antibodies targeting the PD1/PD-L1 interaction, together with all general *in situ* Proximity Ligation Assay reagents needed to run the method on the BOND RX/RX^m. The kit has been validated for use on FFPE cells and tissues on the BOND RX/RX^m Fully Automated Research Stainer from Leica Bioscience.

This part of the instructions describes how to run and prepare the ready-to-use PD1 and PD-L1 antibodies in the Naveni® BOND kit with fluorescent or chromogenic readout. Always use these instructions in conjunction with the general method instructions provided via the QR-code on box 1 included in this kit. Use the default antigen retrieval method ER2 for 40 min at 100°C for optimal detection of PD1/PD-L1 in various tissues.

For research use only.

Bag:

Storage at -25 to -15°C. FREEZE

FREEZE

Material	Art.no	Amount
Naveni BOND PD-1 antibody 40x based on clone EH33 CST	NA.2.030.30	150 µL
Naveni BOND PD-L1 antibody 40x based on clone SP142 Abcam RabMAb®	NA.2.030.31	150 µL

Solution preparation

Primary antibodies

Use the **Diluent** provided in box 1 (see separate instructions on the QR code in box 1) to dilute both the **Naveni PD-1** and **PD-L1 antibodies** **1:40** in the same container **(Table 2)**. The calculation is based on 10 slides with a volume of 150 µL per slide. A dead volume of 500 µL is included in the total volume, suitable when using a BOND 6 mL Titration Container and Insert.

Table 2. Example calculation: primary antibody dilution (10 slides).

Kit component	Diluent 1 (µL)
Diluent	1900
Naveni BOND PD-1 antibody (40x)	50
Naveni BOND PD-L1 antibody (40x)	50
Total	2000