

## DATA SHEET

### ISH Consumable Kit

Doc. No.932-XT144-YAD, Rev. No. C

Date of Release: 06-Apr-2016

#### Intended Use:

This product is intended for laboratory use only.

#### Items Supplied:

Cat. Nos.	Description	Quantity
XT152-SL	25x25mm BARRIER SLIDES,1 BOX (52 Slides)	2 Boxes
XT122-YQK	25x25mm COVERSLIP, XMATRX, 1 Box (900 Coverslips)	1 Box
XT146-01X	PIPETTE TIP, COMBO, 200UL,1 box (960 tips)	1 Box
XT105-01X	Pipette tips, 1ml , 1 Box (192 tips)	2 Boxes

#### Specification:

This kit can be used to perform 100 tests.

#### Applications:

##### 25x25mm BARRIER SLIDES (XT152-SL)

- Barrier slides are suitable for use with frozen tissue sections, formalin-fixed paraffin sections, and cytology preparations. The slide's positive charge forms a bond with the tissue or cell preparation. Specimens adhere to the slide and remain in place during the staining procedures. Although virtually permanent, please note that upon opening the package, the positive charge will very slowly dissipate over time.
- Using the Barrier slides, cell and tissue loss are virtually eliminated during the microwave Antigen Retrieval method, enzyme digestion, DNA denaturation and RNA hybridization.
- Positive-Charged Barrier Slides contain a hydrophobic barrier which creates a micro-chamber that allows the quantity of reagents per slide to be tailored to the size of the specimen. These slides eliminate reagent waste without the need to use a PAP pen, thus reducing setup time.

##### 25x25mm COVERSLIPS (XT122-YQK)

- Coverslip application optimizes use and minimizes wastage of micro-reagents.
- It also avoids the evaporation of micro-reagents during incubation period.

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#### **PIPETTE TIP, COMBO, 200UL (XT146-01X)**

1. The pipette tips are made of high-quality polypropylene and are RNase and heavy metals-free when un-tampered.
2. Each tip is capable of dispensing 200 µl maximum volume.

**Note:**

- Do not touch pipette tips with bare hands to avoid RNase contamination.
- Pipette tip box should be properly aligned on the instrument. Improper alignment may lead to display of “Error” messages.

#### **Pipette tips, 1ml (XT105-01X)**

1. The pipette tips are made of high-quality polypropylene and are RNase and heavy metals-free when un-tampered.
2. Each tip is capable of dispensing 1ml (1000) maximum volume.

**Note:**

- Do not touch pipette tips with bare hands to avoid RNase contamination.
- Pipette tip box should be properly aligned on the instrument. Improper alignment may lead to display of “Error” messages.

#### **Recommendations:**

1. This product is optimized for use on BioGenex Xmatrix® Staining System.
2. This Kit is to be used with the following Xmatrix® detection kits –
  - XISH One Step Polymer-HRP ISH Detection System (DF400-YAD)
  - XISH One Step Polymer-HRP ISH Detection System (DF400-YADE)