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DATA SHEET

OptiPlus™ Positive-Charged Microscope and Micro Chamber Slides

Doc. No.932-XT012, Rev. No. F
Date of Release: 15-Sep-2021

Intended Use

This product is intended for laboratory use only. BioGenex OptiPlus™ slides are positively charged.

Specifications

1. OptiPlus™ slides have a positive charge, which allows strong adhesion for tissues and cells. All slides feature a frosted write-on area.
2. The OptiPlus™ Positive-Charged Micro Chamber Slides come in three configurations to accommodate different size tissues or multiple tissues per slide: a single full-size test area of 25 x 50 mm, a single 2/3-size test area of 25 x 30 mm, and three 1/3-size test areas per slide, each compartment measuring 25 x 15 mm.

Items Supplied

One of the following:

Cat. Nos.	Description
XT002-SL	1 box (Approx.72 slides) of OptiPlus™ Positive-Charged Microscope Slides
XT002-CL	1 case (20 boxes) of OptiPlus™ Positive-Charged Microscope Slides
XT012-SL	1 box (Approx.70 slides) of OptiPlus™ Positive-Charged Micro Chamber Slides (full test area)
XT012-CL	1 case (20 boxes) of OptiPlus™ Positive-Charged Micro Chamber Slides (full test area)
XT013-SL	1 box (Approx.72 slides) of OptiPlus™ Positive-Charged Micro Chamber Slides (2/3 test area)
XT013-CL	1 case (20 boxes) of OptiPlus™ Positive-Charged Micro Chamber Slides (2/3 test area)
XT014-SL	1 box (Approx.72 slides) of OptiPlus™ Positive-Charged Micro Chamber Slides (3 x 1/3 test area)
XT014-CL	1 case (20 boxes) of OptiPlus™ Positive-Charged Micro Chamber Slides (3 x 1/3 test area)

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OptiPlus™ Positive-Charged Microscope and Micro Chamber Slides

Applications

1. OptiPlus™ 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.
2. Using the OptiPlus™ slides, cell and tissue loss are virtually eliminated during the microwave Antigen Retrieval* method, enzyme digestion, DNA denaturation and RNA hybridization.
3. OptiPlus™ Positive-Charged Micro Chamber Slides contain hydrophobic Micro Chambers that allow 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.

*BioGenex U.S. Pat. Nos. 5,244,787 and 5,578,452.