



SEALING FILM IDENTIFIER

▶ PCR

▶ QPCR

▶ CRYSTALLOGRAPHY

▶ ELISA

▶ CELL CULTURE

▶ STORAGE

▶ OTHER /BESPOKE DESIGN

▶ GLOSSARY



PCR

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PCR

▶ OPAQUE

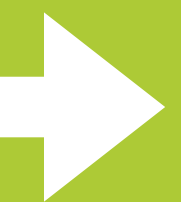
▶ TRANSLUCENT

▶ VIEW ALL PCR PRODUCTS



PCR OPAQUE

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Does it need to be:

► PEELABLE

► NON-PEELABLE

► BACK

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PEELABLE

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Does it need to be pierceable?

▶ **YES**

▶ **NOT APPLICABLE**

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ALL PEELABLE PRODUCTS

IST-115



PierceASeal Foil Super™
Heat Sealing Film

IST-127



QuickSeal Foil PCR™
Self Adhesive Seal

IST-129



QuickSeal Foil PCR Ultra™
Self Adhesive Sealing Film

IST-107



PierceASeal Foil PS™
Heat Sealing Film

IST-105



PeelASeal DMSO Foil™
Heat Sealing Film

IST-114



PeelASeal Foil Super™
Heat Sealing Film

IST-108



ThermASeal Foil™
Heat Sealing Film

IST-104



PeelASeal Foil™
Heat Sealing Film



SOLVENT RESISTANCE

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▶ [VIEW NON-PIERCEABLE PRODUCTS](#)



What solvent resistance does it require?

▶ [HIGH](#)

▶ [LOW](#)



▶ [BACK](#)

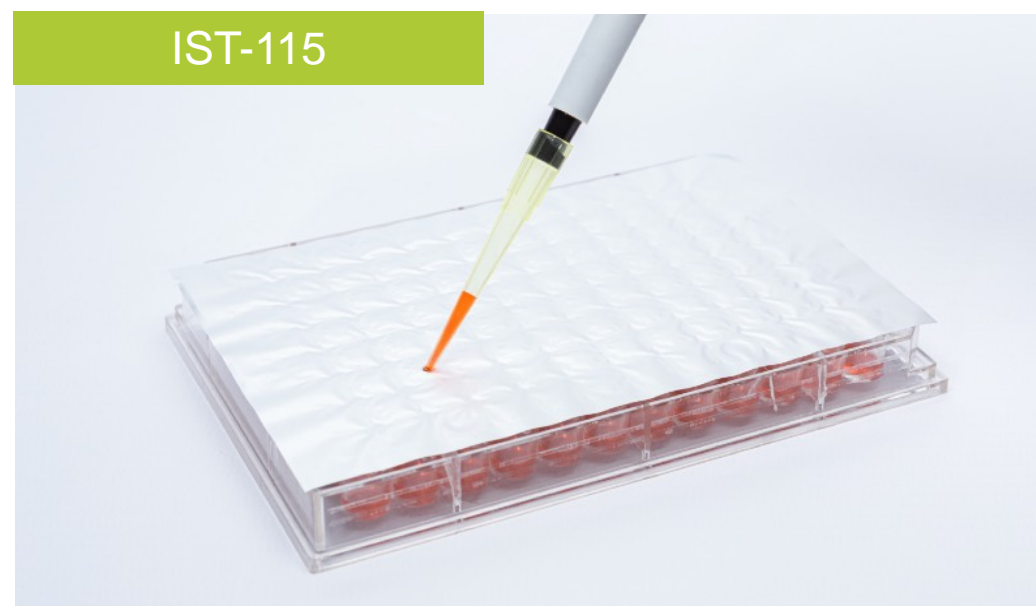
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ALL NON-PIERCEABLE PRODUCTS



PeelASeal DMSO Foil™
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PeelASeal Foil Super™
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ThermASeal Foil™
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PRODUCT OPTIONS BASED ON YOUR ANSWERS

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Heat Sealing Film

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PierceASeal Foil PS™
Heat Sealing Film

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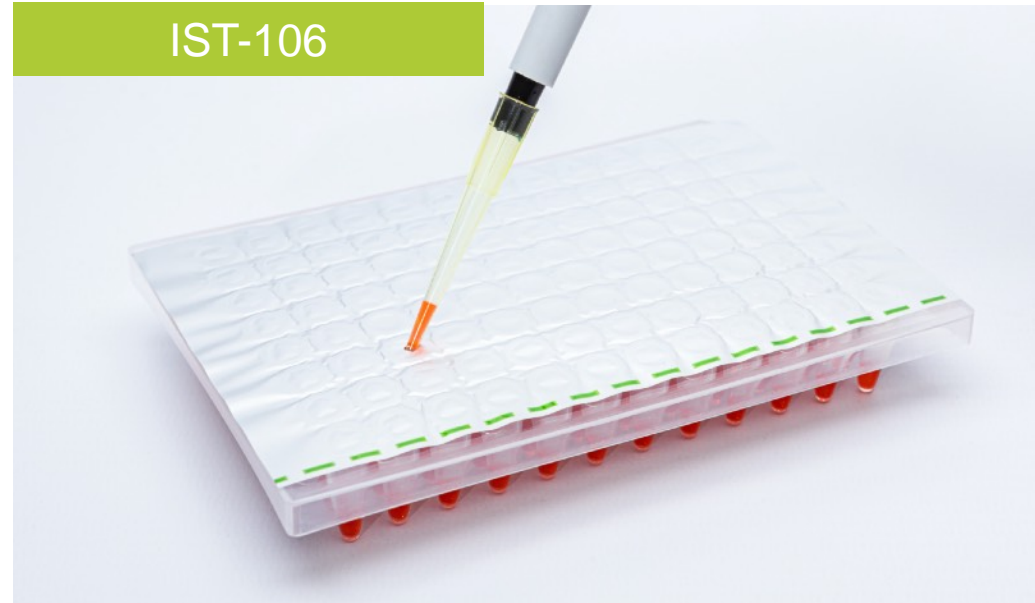
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Heat Sealing Film

IST-108



ThermASeal Foil™
Heat Sealing Film

IST-106



PierceASeal Foil™
Heat Sealing Film

PRODUCT OPTIONS BASED ON YOUR ANSWERS



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Self Adhesive Seal



QuickSeal Foil PCR Ultra™
Self Adhesive Sealing Film



ThermASeal Foil™
Heat Sealing Film

NON-PEELABLE

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ALL NON-PEELABLE PRODUCTS

IST-106



PierceASeal Foil™
Heat Sealing Film



PIERCEABLE PRODUCTS



PierceASeal Foil™
Heat Sealing Film



PCR TRANSLUCENT

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Does it need to be:

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▶ NON-PEELABLE

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PEELABLE

▶ **VIEW ALL PEELABLE PRODUCTS**

Does it need to be pierceable?

▶ **YES**

▶ **NOT APPLICABLE**

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ALL PEELABLE PRODUCTS



QuickSeal PCR™
Self Adhesive Sealing Film



QuickSeal Micro™
Self Adhesive Sealing Film



QuickSeal DMSO Std Self
Self Sealing Film



SOLVENT RESISTANCE

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What solvent resistance does it require?

► [HIGH](#)

► [LOW](#)



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ALL NON-PIERCEABLE PRODUCTS

IST-102



ClearASeal Weld™
Heat Sealing Film

PRODUCT OPTIONS BASED ON YOUR ANSWERS

IST-120



QuickSeal PCR™
Self Adhesive Sealing Film

IST-102



ClearASeal Weld™
Heat Sealing Film

IST-131



QuickSeal DMSO Std Self
Self Sealing Film

PRODUCT OPTIONS BASED ON YOUR ANSWERS

IST-125



QuickSeal Micro™
Self Adhesive Sealing Film



NON-PEELABLE

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Does it need to be pierceable or non-pierceable?:

► [YES](#)

► [NO](#)

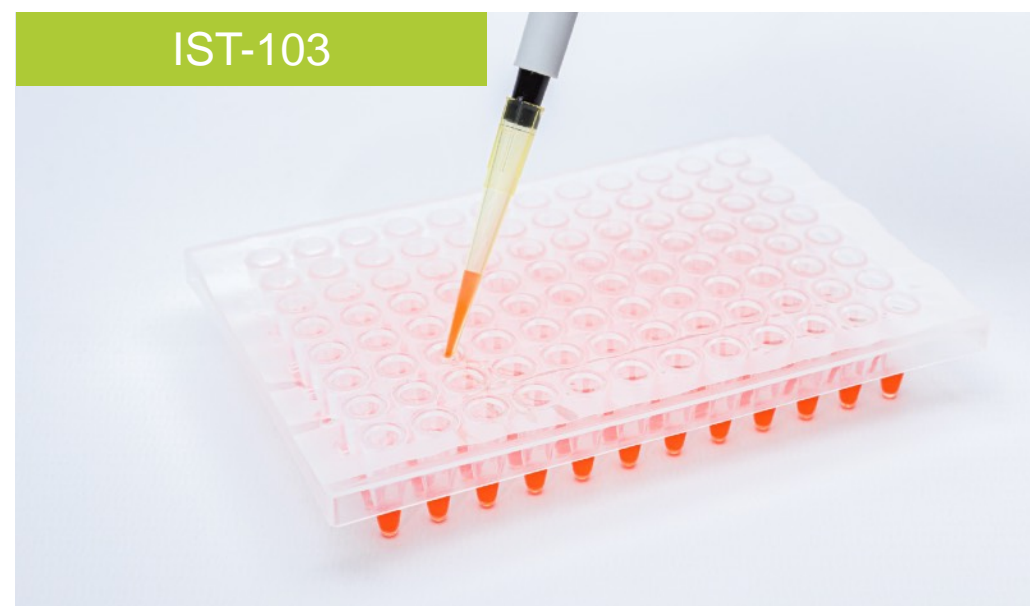
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ALL NON PEELABLE PRODUCTS

IST-103



ClearASeal Pierce™
Heat Sealing Film

IST-102



ClearASeal Weld™
Heat Sealing Film



PIERCEABLE PRODUCTS



ClearASeal Pierce™
Heat Sealing Film

NON-PIERCEABLE PRODUCTS

IST-102



ClearASeal Weld™
Heat Sealing Film

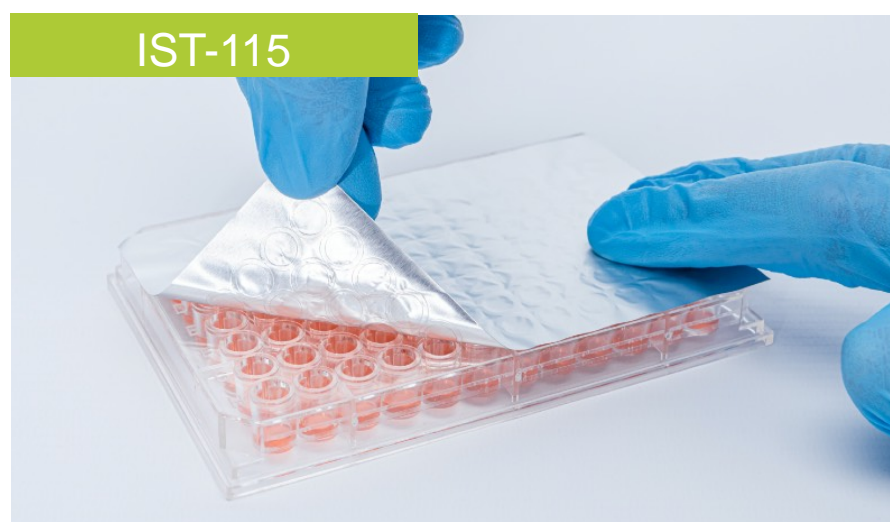
ALL PCR PRODUCTS

IST-102



ClearASeal Weld™
Heat Sealing Film

IST-115



PierceASeal Foil Super™
Heat Sealing Film

IST-127



QuickSeal Foil PCR™
Self Adhesive Seal

IST-129



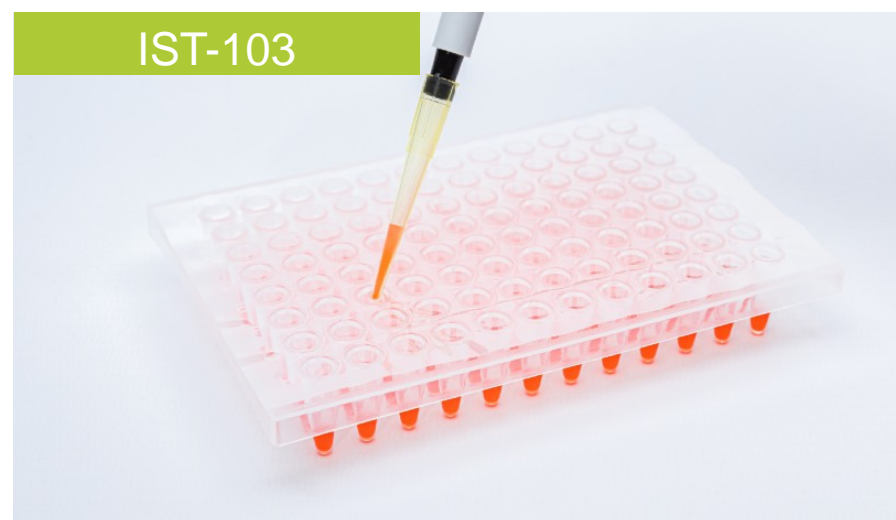
QuickSeal Foil PCR Ultra™
Self Adhesive Sealing Film

IST-107



PierceASeal Foil PS™
Heat Sealing Film

IST-103



ClearASeal Pierce™
Heat Sealing Film

IST-105



PeelASeal DMSO Foil™
Heat Sealing Film

IST-114



PeelASeal Foil Super™
Heat Sealing Film

IST-108



ThermASeal Foil™
Heat Sealing Film

IST-104

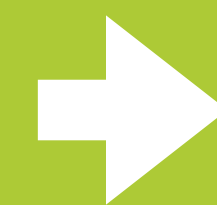


PeelASeal Foil™
Heat Sealing Film



QPCR

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QPCR

▶ CLEAR

▶ ULTRA CLEAR

▶ VIEW ALL QPCR PRODUCTS

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CLEAR QPCR PRODUCTS

IST-121



QuickSeal qPCR
Self Adhesive Sealing Films

IST-122



QuickSeal qOptic
Heat Sealing Film

IST-101



ClearASeal Peel
Self Adhesive Sealing Films



QPCR CRYSTAL ULTRA PRODUCTS



**QuickSeal qPCR
Crystal Ultra™**
Self Adhesive Sealing Films

ALL QPCR PRODUCTS

IST-130



**QuickSeal qPCR
Crystal Ultra™**
Self Adhesive Sealing Films

IST-101



ClearASeal Peel™
Heat Sealing Film

IST-121



QuickSeal qPCR
Self Adhesive Sealing Films

IST-122



QuickSeal qOptic™
Self Adhesive Sealing Film



CRYSTALOGRAPHY

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CRYSTALOGRAPHY PRODUCTS

IST-122



QuickSeal qOptic™
Self Adhesive Sealing Film

IST-130

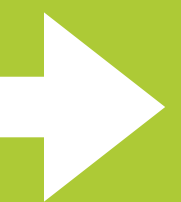


**QuickSeal qPCR
Crystal Ultra™**
Self Adhesive Sealing Films



ELISA

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ELISA PRODUCTS

IST-130



**QuickSeal qPCR
Crystal Ultra™**
Self Adhesive Sealing Films

IST-101

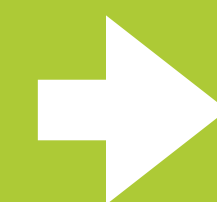


ClearASeal Peel™
Heat Sealing Film



CELL CULTURE

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CELL CULTURE

► VIEW ALL CELL CULTURE PRODUCTS

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GAS PERM-SEAL PRODUCTS

IST-111



ClearASeal Perf™
Heat Sealing Film

IST-110



Gas PermASeal™
Heat Sealing Film

IST-124



QuickSeal Gas Perm™ Self
Self Adhesive Sealing Film

IST-113



Gas PermASeal II™
Heat Sealing Film

IST-132



QuickSeal Gas Perm Woven™
Self Adhesive Sealing Film

CLEAR PRODUCTS

IST-124



QuickSeal Gas Perm™
Self Adhesive Sealing Film

IST-111



ClearASeal Perf™
Heat Sealing Film

NON CLEAR PRODUCTS

IST-110



Gas PermASeal™
Heat Sealing Film

IST-113



Gas PermASeal II™
Heat Sealing Film

IST-132

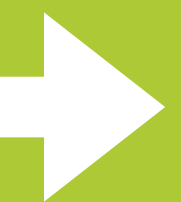


**QuickSeal Gas
Perm Woven™**
Self Adhesive Sealing Film



STORAGE

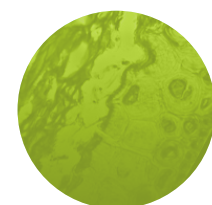
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STORAGE

Temperature range

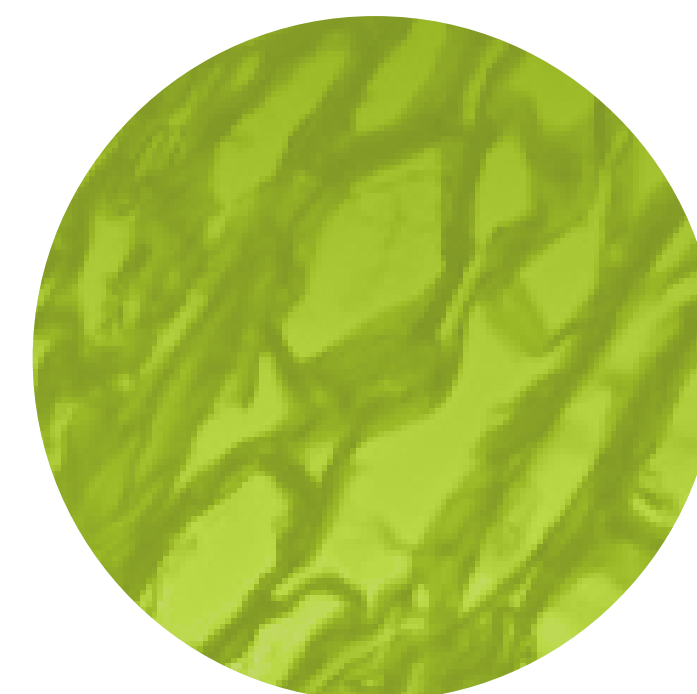
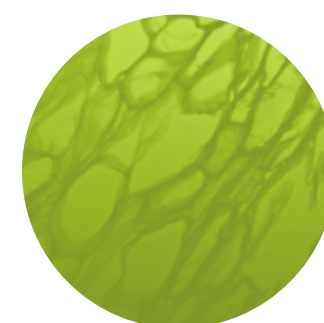
- ▶ 0°C - 20°C
- ▶ -21°C - -80°C
- ▶ -81°C - -200°C



0°C - -20°C

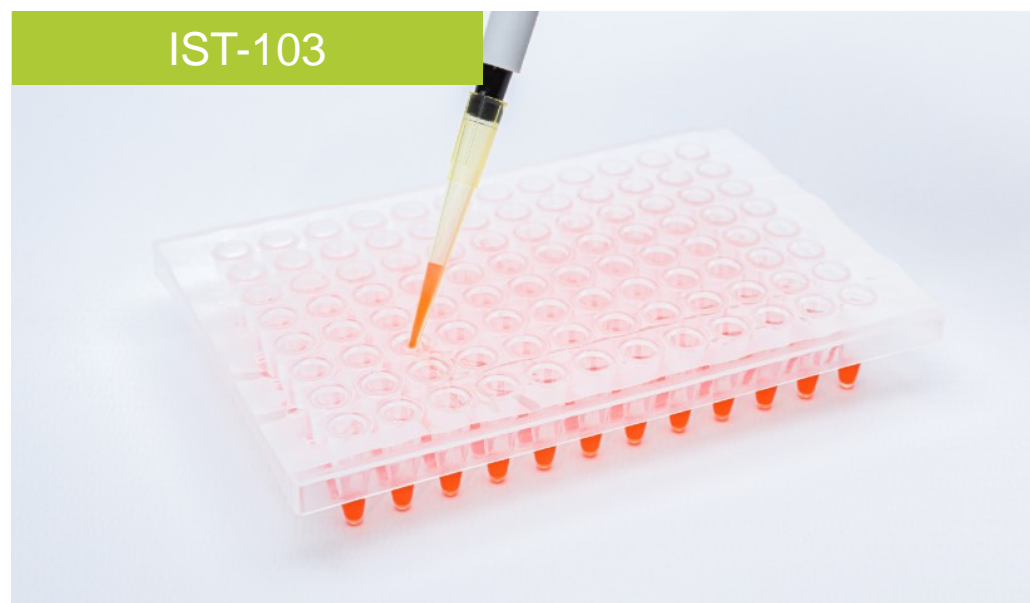
► PIERCEABLE

► NON-PIERCEABLE



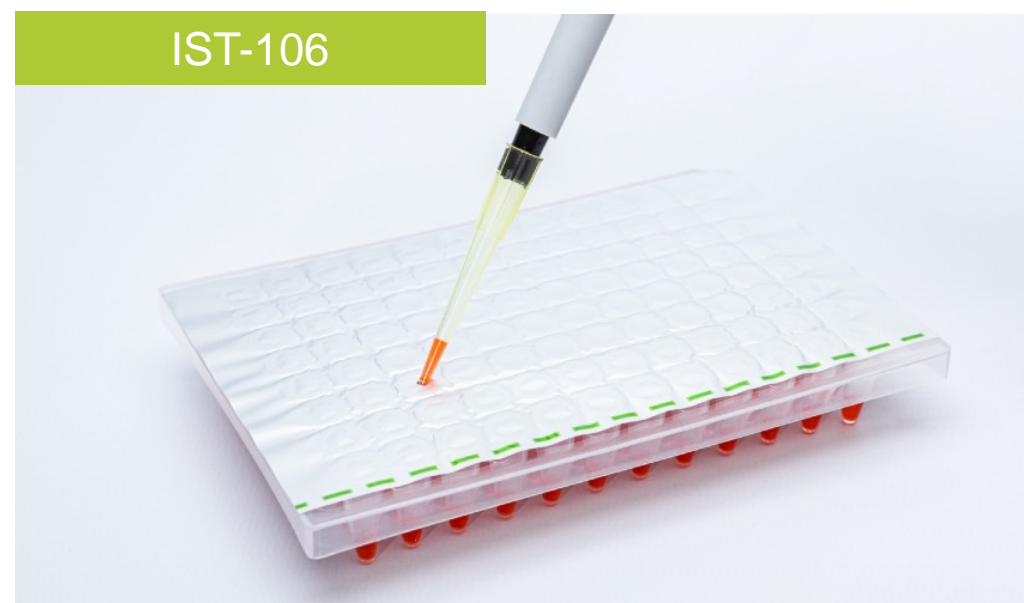
ALL PIERCEABLE PRODUCTS

IST-103



ClearASeal Pierce™
Heat Sealing Film

IST-106



PierceASeal Foil™
Heat Sealing Film

IST-107



PierceASeal Foil PS™
Heat Sealing Film

IST-115



PierceASeal Foil Super™
Heat Sealing Film

IST-127



QuickSeal Foil PCR
Self Adhesive Seal

IST-129



QuickSeal Foil PCR Ultra™
Self Adhesive Sealing Film

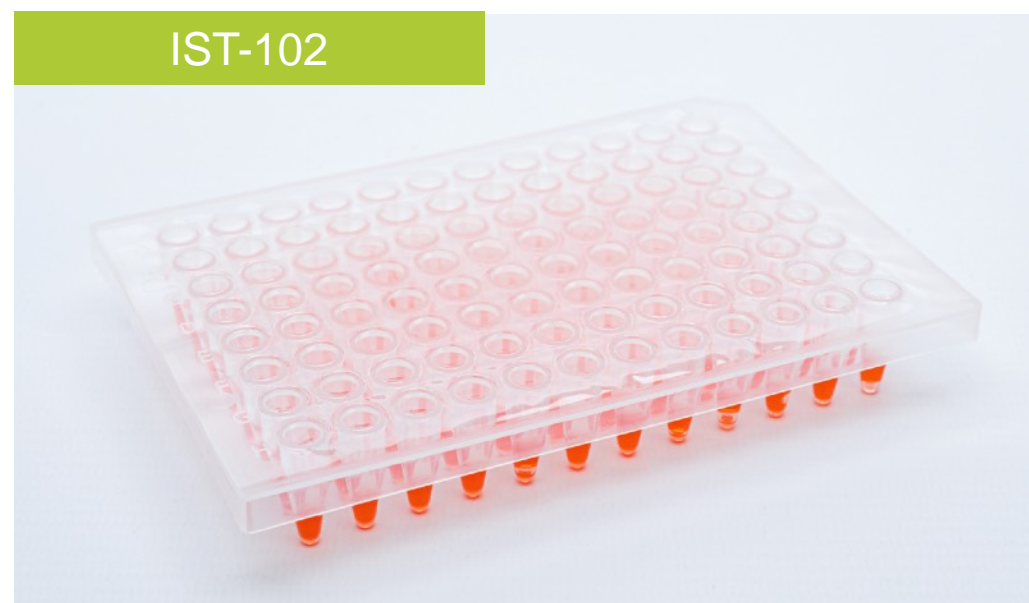
ALL NON-PIERCEABLE PRODUCTS

IST-101



ClearASeal Peel™
Heat Sealing Film

IST-102



ClearASeal Weld™
Heat Sealing Film

IST-104



PeelASeal Foil™
Heat Sealing Film

IST-114



PeelASeal Foil Super™
Heat Sealing Film

IST-120



QuickSeal PCR™
Self Adhesive Sealing Film

IST-125



QuickSeal Micro™
Self Adhesive Sealing Film

-81°C - -200°C PRODUCTS



ThermASeal Foil™
Heat Sealing Film

GLOSSARY

PCR stands for Polymerase Chain Reaction. Sometimes called "molecular photocopying," the polymerase chain reaction (PCR) is a fast and inexpensive technique used to "amplify" - copy - small segments of DNA. Because significant amounts of a sample of DNA are necessary for molecular and genetic analyses, studies of isolated pieces of DNA are nearly impossible without PCR amplification.

QPCR stands for quantitative polymerase chain reaction. QPCR and RT-PCR are both terms used in biotechnology and utilized for the production of multiple copies of DNA. RT-PCR is used to amplify the reversed transcription of the DNA code; QPCR measures the amplification. 3. RT-PCR is for amplification, while qPCR is for quantification.

Crystallography is the experimental science of determining the arrangement of atoms in crystalline solids.

ELISA stands for enzyme-linked immunoassay. It is a commonly used laboratory test to detect antibodies in the blood. An antibody is a protein produced by the body's immune system when it detects harmful substances, called antigens.

Cell culture is the process by which cells are grown under controlled conditions, generally outside their natural environment. After the cells of interest have been isolated from living tissue, they can subsequently be maintained under carefully controlled conditions.

Storage. The best storage temperature for a given biological sample or reagent often varies depending on the type of biological material, the solution it is suspended in, the sample's intended use, and how long the material will be stored. The most common storage temperatures are bench top/room temperature, refrigerated, freezer, ultra-low freezer, and cryogenic freezer storage.



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