



Oxyrase, Inc.
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OxyPRAS Product Insert

Each OxyPRAS plate conforms to the specifications of **Pre-Reduced, Anaerobically Sterilized media**. The PRAS method of media preparation preserves the reducing agents found in anaerobic media formulations and prevents oxidation products from being formed. This method of media preparation provides the best medium for growing fastidious anaerobic microorganisms using traditional anaerobic equipment such as anaerobic bags, jars and chambers. OxyPRAS plates come reduced and ready to use.

Storage of OxyPRAS

When you receive OxyPRAS plates, you have two storage options. Either, store at 2 - 8 C (cold temperature), or store at 20 - 25 C (room temperature). If you want extended shelf-life, then store the plates at cold temperature. Expiration date stored at 2 - 8 C is six months from the date of manufacturing. If you need space in the refrigerator and the extended shelf-life doesn't matter to you, then store the plates at room temperature. Expiration date stored at 20- 25 C is three months from the date of manufacturing. See Label for actual expiration date for each condition. We guarantee three months at cold temperature and one month at room temperature. If you need a longer shelf-life, please do one of the following: 1. place a standing order with a specification for longer shelf-life and amount needed, or 2. Request the shelf-life you need and allow two weeks for delivery of your order.

Store OxyPRAS plates in an inverted position and protect from light.

Use of OxyPRAS Plates

OxyPRAS plates remain reduced during storage and normal handling. OxyPRAS plates make possible the use of pre-reduced medium outside of an anaerobic chamber. *OxyPRAS plates stay reduced when exposed to air for an extended period of time unlike conventional PRAS plates, which oxidize quickly.* When working with anaerobic bags and jars, OxyPRAS plates give the microbiologist time to process specimens and to observe incubated plates outside of the bag or jar aerobically without losing the benefits of the pre-reduced medium. OxyPRAS plates can also be used with an anaerobic chamber.

Before use, the OxyPRAS plate should be at room temperature or pre-warmed to 37 C. Remove the plate from the protective pouch and place in the inverted position. If excess moisture is found on the surface of the plate, open the plate in a bio-safety cabinet for a time sufficient to dry the agar surface (not more than 30 minutes). After inoculating the plates, place them in an anaerobic bag or jar in the inverted position and then incubate in a standard, aerobic incubator.

Precautions

This medium is for *In Vitro Use*. Precautions should be taken against the dangers of microbiological hazards. Specimens, containers, and media should be sterilized by autoclaving after use. A **Material Safety Data Sheet** is available upon request.

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Evidence of Deterioration

The medium should not be used if contaminated, cracked or split due to drying, or if the expiration date has past. Blood agar media should appear turbid, dark, blue-red not bright red. Laked blood agar media should appear clear, cinnamon-red not muddy brown. Please report any deficiencies to Oxyrase, Inc.

Formulation

Media are made from standard formulations for the media type indicated on the media formulation sheet. In addition, Oxyrase is added. For specific medium formulation information, please contact Oxyrase, Inc

Quality Control

Samples of every lot of OxyPRAS plates are tested and meet Oxyrase, Inc's specifications and Clinical and Laboratory Standards Institute standards where applicable. In some cases, the user must perform quality control tests before using the media for diagnostic purposes.

Materials Not Provided

Other culture media, reagents, and laboratory equipment may be required.

Limitations

OxyPRAS plates are intended for primary isolation. Some diagnostic tests may be performed with the primary plate. A pure culture is recommended for biochemical tests and serological procedures. OxyPRAS plates contains a penicillin binding protein that may inactivate penicillin and some related antibiotics.

Guarantee

If OxyPRAS plates do not perform as specified under recommended storage and use conditions, Oxyrase Inc. will refund your purchase price. To receive a purchase refund, write or call us with your invoice number and the product lot number, which is located on the OxyPRAS label. Oxyrase, Inc. is available to answer any questions about this product and its application.