

xMAP® Sheath Concentrate PLUS Product Information Sheet (RUO)



Summary

Once diluted to the working volume of 20 liters, use xMAP® Sheath Concentrate PLUS (40-50023) as the delivery medium to carry the sample to the optics component of the xMAP based instruments.

USE OF NON-LUMINEX APPROVED SHEATH FLUID PLUS SHALL CONSTITUTE "IMPROPER USE" AND MAY VOID WARRANTY RIGHTS PROVIDED BY LUMINEX AND/OR ITS AUTHORIZED PARTNER.

Safety Precautions

Avoid contact with skin and eyes. A Safety Data Sheet (SDS) is available upon request. Once diluted, take proper precautions when lifting. One full container weighs approximately 23 kg. (50 lbs.). Requires two people for lifting. Sheath Concentrate PLUS is harmful to aquatic life with long lasting effects.



If the Sheath Concentrate PLUS bottle is leaking, DO NOT USE the product. Contact Luminex Technical Support to report the damage.

Ingredients

xMAP® Sheath Concentrate PLUS contains sodium and potassium salts and an antimicrobial cocktail in water.

Storage

Store at 15°C to 30°C.

Limitations

You must follow these product information sheet instructions. Reliability of results cannot be guaranteed if you deviate from these instructions. When stored at 15°C to 30°C, the product should perform as expected up to the expiration date stated on the container label. xMAP® Sheath Concentrate PLUS is for further dilution only.

Disposal

Undiluted xMAP® Sheath Concentrate PLUS contains sodium azide (less than 0.45%) as a preservative. Once diluted to 20 L, the solution contains less than 0.025% sodium azide as a preservative. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Refer to local guidelines and regulations for proper disposal of undiluted, diluted and used Sheath Concentrate PLUS.

Procedure

1. Gently invert the Sheath Concentrate PLUS bottle 5 to 10 times; additional vigorous inversions may be necessary to dissolve precipitate that may have formed during shipping.
2. Remove cap from the 1 L bottle of Sheath Concentrate PLUS and pour contents into a 20 L secondary container.
NOTE: Luminex recommends using the 5 gallon carboy with 3" opening, catalog #97028 from US Plastic Corporation (www.usplastic.com) as the secondary container for dilution as it will accommodate the sheath delivery assembly.
3. Fill with 19 L of CLRW (Clinical Laboratory Reagent Water) or better. Stir until homogeneous.
4. Complete 1X Dilution Sheath Concentrate PLUS label provided. Apply a three-month expiration date from the preparation date, and apply to the 20 L secondary container.
5. Apply the Sheath Fluid warning label to ensure that correct placement of diluted sheath is maintained.
6. After dilution, place container below level of the Luminex instrument as described in the applicable user manual.
NOTE: Product Information Sheets are available in other languages upon request. Contact Luminex Technical Support for information or access on website at www.luminexcorp.com. Then, using the Search feature, search for the desired product information sheet.

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Approximate Targets for 1:20 Dilution:











pH: 7.4


Conductivity: 15 mS/cm

Refractive Index: 1.335

Refer to the user manual for proper use of the diluted xMAP® Sheath Concentrate PLUS as applicable.

Symbols Glossary

	Batch Code.		Manufacturer / Date of manufacture.		Temperature Limit.
	Use-by date.		Consult instructions for use.		Catalog(ue) Number.
	Contains Sufficient for <n> Tests.		For Research Use Only. Not for use in diagnostic procedures.		Caution.
	Irritant				

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 Product No: 40-50023

For further dilution only.

Quantity: 1 L

To order more product:

Email: orders@luminexcorp.com

Fax: 512-219-0544

Technical Support

Telephone: 512-381-4397

North America Toll Free: 1-877-785-2323

International Toll Free: + 800-2939-4959

Email: support@luminexcorp.com

www.luminexcorp.com



Luminex Corporation

12212 Technology Blvd.

Austin, TX 78727

U.S.A.

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