Bio SB
BIOSCIENCE FOR THE WORLD

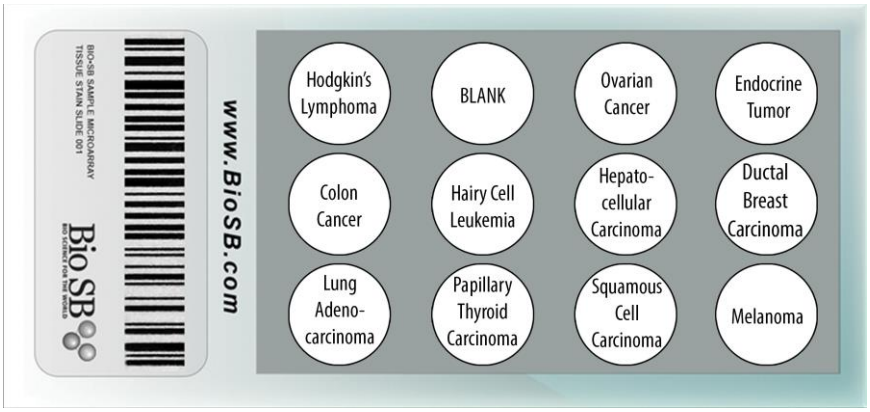
IVD
For In Vitro Diagnostic Use

Cancer Human Tissue Microarray 11- Core (2 mm)

Intended Use *For In Vitro Diagnostic Use*

The **Cancer Human Tissue Microarray** (CH-TMA) is an unstained ready-to-use microscope slide consisting of 11- 2 mm cores of normal human formalin-fixed paraffin-embedded tissues which were assembled in array fashion to allow multiplex molecular pathology analysis and validation of reagents, or to be used as tissue controls for Immunohistochemistry and/or *in situ* hybridization (CISH and FISH) applications.

The map below outline the various human cancer tissues used. Each slide comes with a "blank" core for easy orientation:



Presentation Five **Cancer Human TMA's** with 11- 2 mm tissue cores each, mounted on Hydrophilic Plus Slides are provided in a plastic mailer.

Availability

Catalog No.	Number of slides
BSB 0230	5

Storage Store at 20-25^{0}C **Stability** 1 year

Stable up to the expiration date on the label. Do not use this product after the expiration date. Adhere to all local laws when disposing of this product.

Recommended Protocol

1. When handling TMA's wear gloves to avoid contamination with DNA or RNAses.
2. Deparaffinize, dehydrate and hydrate tissues before heat treatment.
3. Place plastic slide rack or tissue slides into a staining dish or coplin jar and fill until tissues are covered with working solution of ImmunoDNA Retriever Citrate or EDTA.
4. Any of these three heating methods may be used:
   a. **Electric Pressure Cooker**
   Place standoff rack at base of pressure cooker.
   Add distilled water to the pressure cooker (approximately 1 inch) and turn heat to high.
   Once the maximum internal pressure has been reached, incubate for 15 minutes.
   Release pressure from internal chamber, open and immediately transfer slides in ImmunoDNA Retriever Citrate to room temperature.

b. **Water Bath Method:** Place tissues/slides in a pre-warmed staining dish or coplin jar containing the ImmunoDNA Retriever Citrate in a water bath set at 99°C. Allow to stand for 30-60 minutes.

c. **Conventional Steamer Method:** Place tissues/slides in a pre-warmed staining dish or coplin jar containing the ImmunoDNA Retriever Citrate in a steamer. Cover and steam for 30-60 minutes.

5. After heat treatment, transfer slides in ImmunoDNA Retriever Citrate or EDTA to room temperature and let stand for 15-20 minutes.
6. Wash slides with IHC wash buffer or DI water.
7. Continue IHC/ISH staining according to procedure routinely employed.

Precautions

1. For professional users only. Results should be interpreted by a medical professional.
2. Ensure proper handling procedures are used. Always wear proper personal protective equipment such as laboratory coat, goggles and gloves when handling this material.
3. Dispose of unused material according to local and federal regulations.
4. For complete recommendations for handling biological specimens please refer to CDC document, "Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories" (1).

References

1. U.S. Department of Health and Human Services: Centers for Disease Control and Prevention. Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories. Supplement / Vol. 61, January 6, 2012.

	Storage Temperature Limites de température Zulässiger Temperaturbereich	Manufacturer Fabricant Hersteller	REF Catalog Number Référence du catalogue Bestellnummer
IVD In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro In-Vitro-Diagnostikum	Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	Expiration Date Utiliser jusque Verwendbar bis	LOT Lot Number Code du lot Chargenbezeichnung

Bio SB, Inc. • 69 Santa Felicia Dr., Santa Barbara, CA 93117, USA.
Tel. (805) 692-2768 • Tel. (800) 561-1145 • Fax. (805) 692-2769
• E-mail: info@biosb.com • Website: www.biosb.com