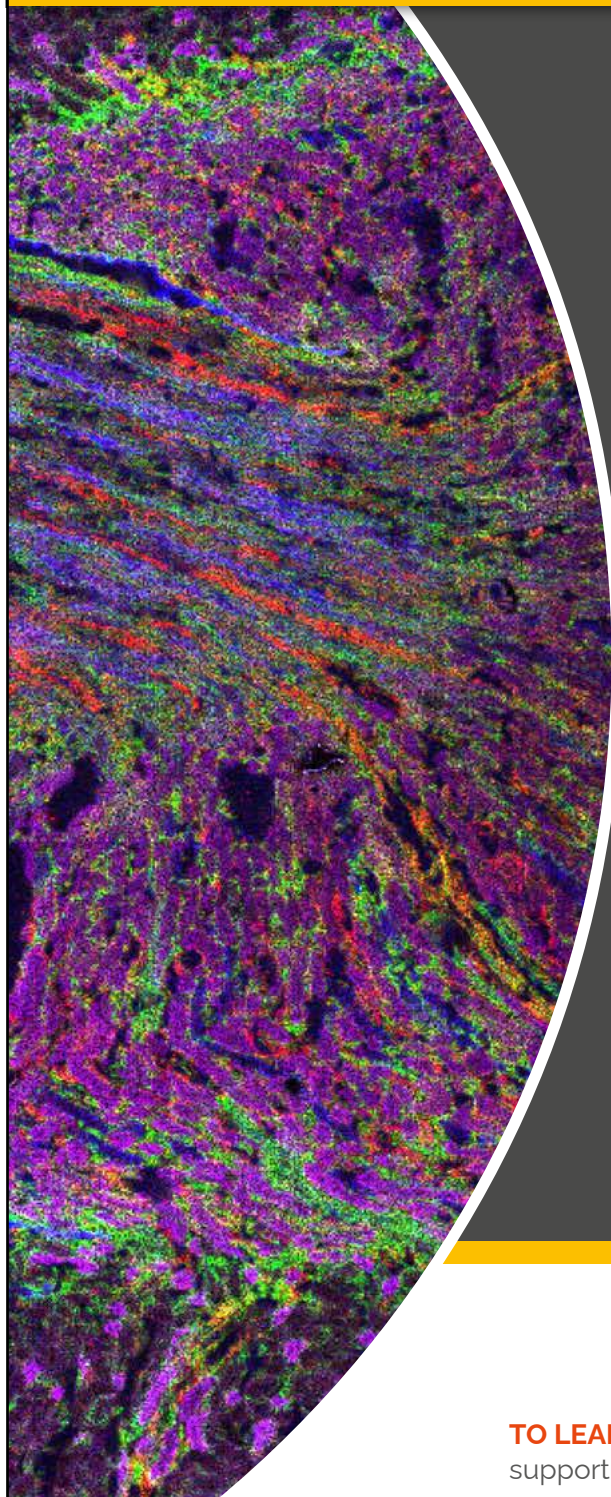


Miralys™ MALDI HiPLEX-IHC

Targeted Spatial Biology Imaging System for MALDI



ANALYZE SMALL AND LARGE MOLECULES – SAME SAMPLE, SAME INSTRUMENT

- Co-register Therapeutic AND Target

MAXIMUM DATA FROM EACH SAMPLE

- Create New Multimodal Workflows
- Add Other Imaging Modalities Before OR After

ACHIEVE NEW HEIGHTS OF MULTIPLEXITY

- 10 to 100+ Biomarkers in a Single Scan

USE ANY SAMPLE

- FFPE, Fresh Frozen, or TMA

WIDEST VIEWING AREA

- Up to 25 x 75 mm
- Scan Entire Slide then Further Analyze ROIs

Miralys™ MALDI HiPLEX-IHC Tissue Imaging Probes are available worldwide exclusively from AmberGen

TO LEARN MORE: email our Customer Success Team at support@AmberGen.com or visit our website at www.AmberGen.com

Getting Started with Miralys™ MALDI HiPLEX-IHC from AmberGen®

The Miralys™ system is designed to enable highly multiplexed imaging of large biomolecules, such as proteins and glycans, in tissue samples using MALDI imaging. The system combines highly specific antibodies with the sensitivity and spatial resolution of MALDI imaging to enable the simultaneous detection of a multitude of biomarkers in a single tissue sample. This technology will greatly improve our understanding of complex diseases and accelerate the development of personalized treatments.

STANDARD PROBES

- In stock, for immediate shipment
- Provided in a ready-to-use format, no conjugation necessary
- Extensive list of available standard probes

CUSTOM PROBE SERVICE

- AmberGen can create custom probes for you based on a target list you provide
- Alternatively, provide a list of your preferred antibodies. We can work with antibodies that are "Conjugation Ready," i.e. they must meet the following requirements:
 - Protein carrier free (i.e. no BSA or gelatin)
 - Azide is compatible, but we prefer without
 - No glycerol
 - At least 0.5 mg/mL antibody concentration
 - No sugar-based stabilizers such as trehalose
 - No primary amine buffers or buffer constituents (e.g. no Tris or Glycine)

STARTER KIT

- Includes all of the accessories needed to implement the Miralys™ MALDI HiPLEX-IHC workflow in your lab including validation slides / probe panel
- AmberGen's Customer Success program includes reagent selection guidance, and pre-staining and image review meetings

VALIDATION SLIDES / PROBE PANEL

- One pre-stained slide and two unstained slides from the same tissue block
- Choose between neurology (mouse brain) or oncology (human tonsil)
- Six-plex panel of probes validated for chosen tissue type with adequate volume to stain the unstained slides

SERVICES (FEE-BASED)

- Method Development
- Slide processing
- MALDI or Fluorescent Imaging
- Onsite Training
- Probe Validation
- Special Projects

ALSO AVAILABLE

- Custom Lectin Probes
- Automation

REQUEST A QUOTE AND PLACE AN ORDER

with the AmberGen Customer Success Team at support@ambergen.com



For all UK enquiries please contact Verulam Scientific Ltd.
The UK official distributor and service provider for AmberGen.

- ✉ enquiries@verulamscientific.com
- ☎ 01234 381000
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