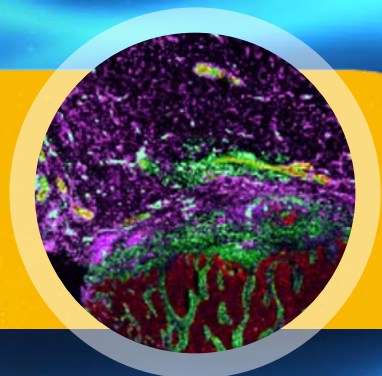


## Miralys Panels

The Most Versatile and Fast High-Plex Panels for Targeted Spatial Proteomic Studies Using Mass Spec Imaging



Customizable and Additive Panels Available in Two Formats

### Available in Two Formats



#### TurboPlex™ format

- Smaller studies (1-5 slides)
- Premixed, one tube has all probes
- Each tube stains 2 cm<sup>2</sup> of tissue (typ.)
- Pre-titrated for specified tissue
- Probes can be added, not removed



#### VersaPlex™ format

- Larger studies (25+ slides)
- Individual tubes for each probe type
- Each tube stains 50 cm<sup>2</sup> of tissue (typ.)
- Flexible for user to titrate on their own
- ANY probe(s) from ANY panel can be combined into a VersaPlex panel

Miralys™ Panels are ready-to-use curated collections of Miralys antibody imaging probes, designed and validated to reduce upfront assay development and validation time. The use of curated panels will significantly speed up your spatial discoveries. In either of the two formats available, they bring all the advantages of Miralys:

- Maximum spatial multiomic data for a single tissue sample on one instrument platform
- Inherently immune from autofluorescence and spectral overlap
- Remarkably high plex and fast (up to 100+ biomarkers can be scanned in one hour for 1 cm<sup>2</sup> of tissue)

Immuno-Oncology	Tissue Morphology	Lung Cancer	Breast Cancer	Neurological	Cancer Core
23-Plex	15-Plex	21-Plex	20-Plex	22-Plex	10-Plex
Actin-αSM	Actin-αSM	CD20	Actin-αSM	a/b-Synuclein	CD20
CD11c	β-Catenin 1	CD3ε		AKT	CD3ε
CD14	β-Actin	CD4	CD20	Amyloid-β42	CD4
	Caveolin	CD45RO	CD3ε	APP	CD45RO
CD20	CD31	CD68	CD4	β3-Tubulin	
CD3ε	CD34		CD45RO	Cathepsin D	CD68
CD4	Collagen IV	CD8α	CD68	GFAP	CD8α
CD44	Collagen-1A1	Chromogranin A	CD8α	GLUT1	FoxP3
CD45	ECAD	CK5	ERα	GSK-3b	PD-1
CD45RO	FN1 (Fibronectin)	CK7	FoxP3	Histone H2A.X	PDGFRB
NCAM1 (CD56)	Histone H2A.X	FoxP3	GATA3	Iba-1	PDPN
CD68	Na/K ATPase-α1	Histone H2A.X	HER2	LC3	
CD8α	PanCK	Ki67	Histone H2A.X	MBP	
Collagen-1A1	PDPN	Napsin A	Ki67	NeuN	
ECAD	Vimentin	NCAM1 (CD56)	PanCK	NF-L	
FoxP3		p40	PD-1	Nicastrin	
Granzyme B		PanCK	PDGFRB	pGSK-3b	
Histone H3		PD-1	PDPN	pTau (S404)	
HLA-A		PDGFRB	PR-A/B	pTau (Thr205)	
HLA-DR		PDPN	PTEN	PVALB	
Ki67		Synaptophysin	Vimentin	Rab7	
PanCK		TTF-1		SYN-1	
PD-1					
Vimentin					

