



Naveni® Plex Omni Service

The next generation of spatial interactomics, run by experts

Gain access to cutting edge multiplex interactomics

Explore elusive proteins and functional states in spatial context with Navinci's *in situ* proximity ligation assay (isPLA) multiplexing system. Detect up to 8 protein-protein interactions, single proteins, or phosphorylation states simultaneously in human FFPE samples - unlocking insights from basic biology to disease progression and drug development. Uncover processes such as:

- Tumour-stroma crosstalk
- Immune cell states
- Key molecular networks driving disease progression and treatment response

Access this ground-breaking technology with the Naveni® Plex Omni Service, where the assay will be run by the same experts that designed it, so that you can focus on the breakthroughs.

Why choose Naveni® Plex Omni Service?

Fully custom multiplex panels

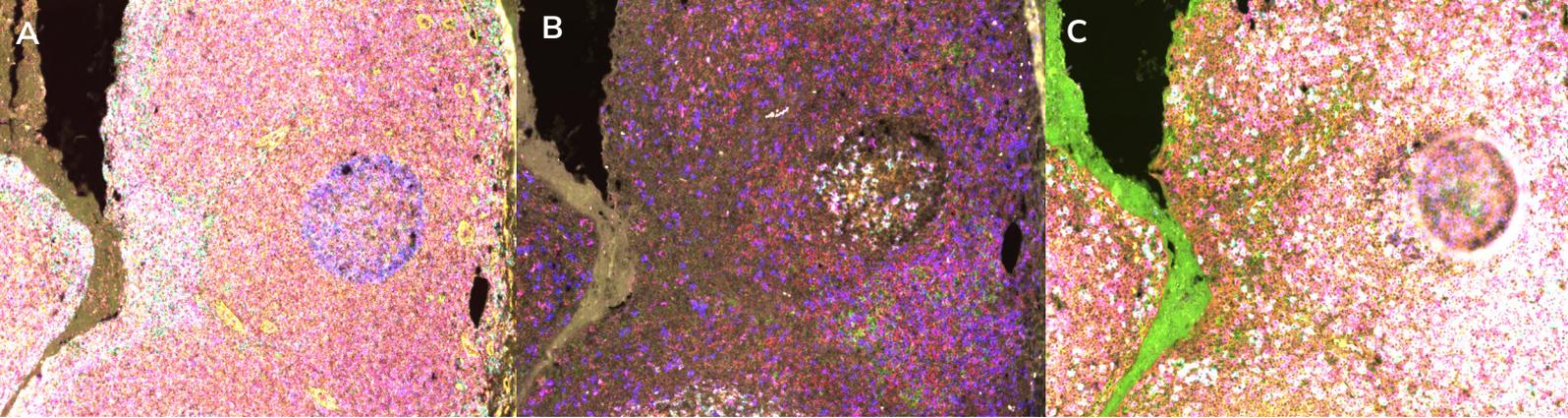
Choose freely from 50 verified targets to build a 4-8 plex panel tailored to your research, within a framework that ensures reliability

misPLA performed by the experts

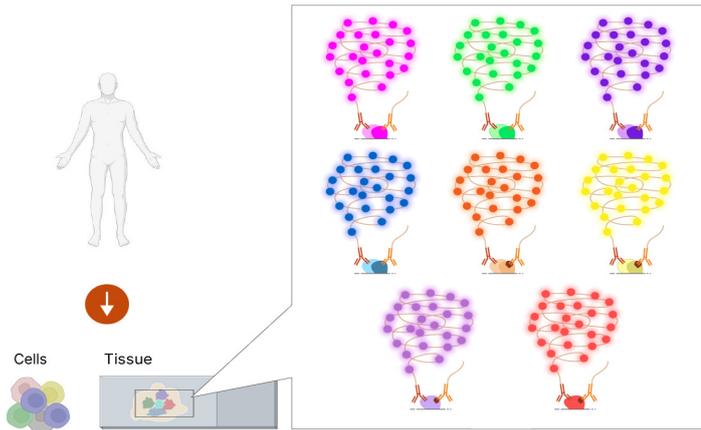
Send your samples and access the world's first multiplex *in situ* PLA service, delivering functional insights no kit can match

End-to-end support, zero setup

From consultation to results, our team handles everything – so you can focus on findings, not optimizations



Three pre-validated panels are available to choose for the Omni Service: MAPK panel (A), immuno-oncology panel (B) and TCR/BCR panel (C). For full target lists, see navinci.se/naveni-plex-omni-service.



Understanding protein function in cells and tissues requires improved analytical tools. Our propriety multiplex *in situ* proximity ligation assay (misPLA) employs antibody-oligonucleotide pairs that form amplifiable DNA upon proximal binding, revealing protein interactions and modifications. Eight antibody-oligonucleotide pairs enable ligation and rolling circle amplification when target epitopes are nearby.

How the service works:

- 1 Design 8-plex misPLA panel
- 2 Pre-study consultation
- 3 Quotation and terms
- 4 Sample shipment
- 5 Assay run
- 6 Optional: image analysis by Propath UK
- 7 Results delivery
- 8 Billing

Markers

AKT1	AKT2
B7-H3	Beta-Catenin
CD155	CD19
CD21	CD3e
CD4	CD45
CD79b	CD8
E-Cadherin	EGFR
EpCAM	ERK1
ERK1/2	ERK2

Selected markers

Target 1	Target 2
PD-1	SHP-2
PD-1	PD-L1
PD-1	PD-L2
CD3e	ZAP-70
CD8	MHC-I
CD4	MHC-II
CD19	CD21
ZAP-70	CD79b
DAPI	DAPI

Design your 4-8 plex misPLA panel from an ever-growing list of pre-validated targets, or choose from one of our carefully selected ready-to-use panels.

To design your panel and book a consultation with us, please go to: navinci.se/naveni-plex-omni-service



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Des femmes et des hommes
au service de vos recherches

Nous contacter

Panel Builder

Service client - commande : commande@ozyme.fr
Service technique :
Réactifs : tech@ozyme.fr
Instrumentation : instrum@ozyme.fr

