Vantage 3D Protein Solid Tumor Panel (D) for Lysate

The nCounter® Vantage 3D Protein Solid Tumor Panel (D) for Lysate simplifies protein expression analysis with curated content covering up to 45 total phospho-protein targets. This highly multiplexed assay is capable of characterizing protein expression from 250 ng protein lysate.

The core nCounter technology uses unique molecular barcodes to detect nucleic acids of increasing variety. Specifically, antibodies of interest are barcoded with unique synthetic DNA oligonucleotides. Each DNA oligonucleotide is then recognized by a unique Reporter probe that contains a fluorescent barcode. The florescent probes are then imaged and counted by the nCounter Analysis System to provide a direct, digital readout of protein expression. Designed with 3D Biology™ Technology, the Vantage 3D Protein Solid Tumor Panel delivers reliable protein expression profiling.

Learn more about 3D Biology™ Technology.

Product Workflow

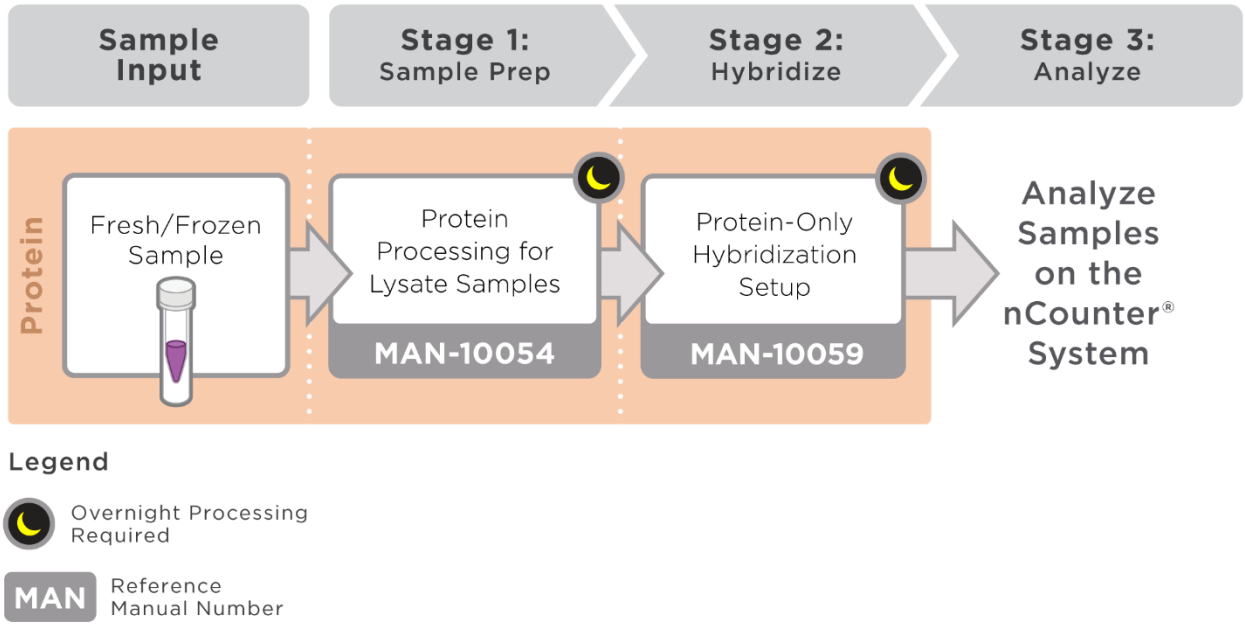

Figure 1. Workflow for Vantage 3D Protein Solid Tumor Panel (D) for Lysate

Materials and Supporting Documents

Table 1. Materials provided in the Vantage 3D Protein Solid Tumor Panel (D) for Lysate Kit

Kit	Reagents	Storage
Vantage 3D Protein Solid Tumor Panel for Lysate (D) Catalog #: VPODC-HSTL-12	Protein	
	Protein TagSet (D)	-80°C
	Antibody Mix	-80°C
	Buffer WS	4°C

NOTE: Please reference the manuals listed in Figure 1 and Table 2 for additional required reagents not supplied by NanoString.

Table 2. Supporting Documents

Step	Manual	Protocol
Protein Preparation	MAN-10054	Protein Processing for Lysate Samples
Hybridization	MAN-10059	Protein-only Hybridization Setup