

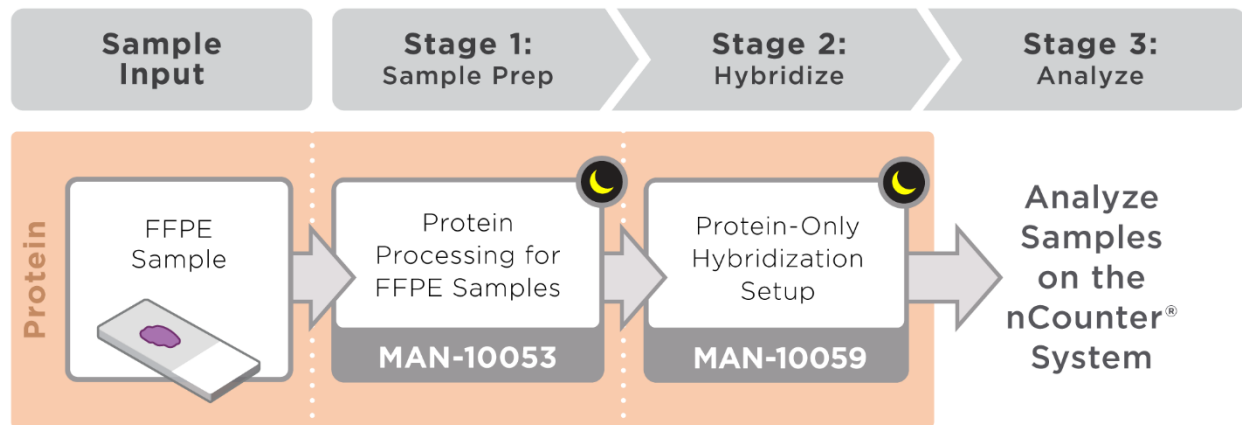
Vantage 3D Protein Heme Panel for FFPE (D) with Sample Prep Kit

The nCounter® Vantage 3D Protein Heme Panel for FFPE (D) with Sample Prep Kit simplifies protein expression analysis with curated content covering 42 total phospho-protein targets. This highly multiplexed assay is capable of simultaneously characterizing protein expression from one FFPE slide.

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 with a photocleavable linker. Each DNA oligonucleotide is then UV cleaved and recognized by a unique Reporter probe that contains a fluorescent barcode. The fluorescent 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 Heme Panel delivers reliable protein expression profiling.

Learn more about [3D Biology™ Technology](#).

Product Workflow



Legend

- Overnight Processing Required
- Reference Manual Number

Figure 1. Workflow for the Vantage 3D Protein Heme Panel for FFPE (D) with Sample Prep Kit

Materials and Supporting Documents

Table 1. Materials provided in the Vantage 3D Protein Heme Panel for FFPE (D) with Sample Prep Kit

Kit	Reagents	Storage
Vantage 3D Protein Heme Panel for FFPE (D) with Sample Prep Kit Catalog #: VPODC-SPKP-HHMF-12	Protein TagSet (D)	-80°C
	Antibody Mix	-80°C
	Sample Prep Kit	
	Buffer W	4°C
	Buffer T	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-10053	Protein Processing for FFPE Samples
Hybridization	MAN-10059	Protein-only Hybridization Setup

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