

Multispectral Imaging Options

| | Nuance™ (Perkin Elmer) | Vectra™ (Perkin Elmer) |
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| Company Link | http://www.perkinelmer.com/Catalog/Product/ID/NUANCEFX | http://www.perkinelmer.com/Catalog/Category/ID/Vectra |
| Modality | Brightfield (BF) and Fluorescence (FI) | Brightfield (BF) and Fluorescence (FI) |
| Slide scanning | Manual Single slide capacity | Automated 200 slide capacity |
| Multiplexing analysis | Up to 10 channels | Up to 10 channels |
| Autofluorescence removal | Yes | Yes |
| Spectral Library | Yes | Yes |
| Analysis Software | Nuance and InForm | Nuance and InForm |
| Data Format | Ordinal (InForm) & Continuous | Ordinal & Continuous |
| Suggested Applications | <ul style="list-style-type: none"> • Biomarker quantification • Co-localization & quantification • Per-tissue analysis by manual drawing (epithelium vs. stroma) • Subcellular quantification- InForm • Per-cell data- InForm • Tissue structure counting (vessel, glomerulus, etc.)- InForm | <ul style="list-style-type: none"> • Biomarker quantification • Co-localization & quantification • Per-tissue analysis by machine learning (epithelium vs. stroma) • Subcellular quantification • Per-cell data • Tissue structure counting (vessel, glomerulus, etc.) |