



Specialized Translational Services  
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Service Sheet effective March 9<sup>th</sup> 2020

<b>Test</b>	<b>Description of Service</b>
<b>Chromogenic Staining</b>	Chromogenic Staining of WTS/TMA
<b>Specialized Antibody*</b>	Includes antibody chromogenic staining on Link 48 via PharmDx Kits
<b>QIF Staining-Basic</b>	Immunofluorescent staining of 1 molecule per slide + Dapi
<b>QIF Staining Level 1</b>	Immunofluorescent staining of Dapi, Tumor Mask (CK/S100) and one target
<b>QIF Staining Level 2</b>	Immunofluorescent staining of Dapi, Tumor Mask (CK/S100) and two targets
<b>QIF Staining Level 3</b>	Immunofluorescent staining of Dapi, Tumor Mask (CK/S100) and three targets
<b>QIF Staining Level 4</b>	Immunofluorescent staining carried out using OPAL kit (>3 flours)
<b>Quantitation and Analysis 1-75 FOV</b>	Acquisition and analysis on PM2000/Vectra Platform of 1-75 FOV
<b>Quantitation and Analysis 75-400 FOV</b>	Acquisition and analysis on PM2000/Vectra Platform of 75-400 FOV
<b>Quantitation and Analysis &gt;400 FOV</b>	Acquisition and analysis on PM2000/Vectra Platform of >400 FOV
<b>Chromogenic Imaging</b>	Acquisition of chromogenic stained slides on Aperio ScanScope
<b>Antibody Titration and Validation Level 1</b>	Includes 5-point titer for antibody to determine optimal S/N Ratio. 2 additional staining runs for reproducibility. Validation will be performed by observing target in localized in expected compartment and in positive cell lines

<b>Test</b>	<b>Description of Service</b>
<b>Antibody Titration and Validation Level 2</b>	Includes 5-point titer for antibody to determine optimal S/N Ratio. 2 additional staining runs for reproducibility. Validation will be performed by observing target in localized in expected compartment and in positive cell lines. Orthogonal Validation will also be provided i.e.. Validation by second method or second antibody.
<b>Pathologist Read &amp; Review</b>	Pathologist review of tissue (per hour)
<b>Custom Services</b>	Determined on individual project basis examples include assay development for either DAB or fluorescent staining and pellet preparation for FFPE block development, ACD RNAScope 2.5 on FFPe slides.

\*Minimum order 20 slides