## **Become** a **SomaLogic® Authorized Site**

### **Assay Specifics**

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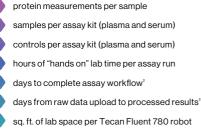
2.5 hours

3.5 hours

3 business days\*

SomaScan® 7K Assay Kits detect the most proteins over a broad dynamic range, without sacrificing reproducibility, sensitivity, or specificity. Equipping your laboratory with kits provides

- On-demand, on-site access to large-scale proteomics
- Experimental control for high-throughput projects
  Easier workflow and less "hands on" lab time compared



Samples and controls per assay vary based on the kit type \*Typical results



# **Assay Workflow**

#### **Semi-Automated Sample Preparation**

O Tecan Fluent runs SomaScan Assav method to isolate and elute SOMAmer reagents (2.25 hr)

Imaging via Cyanine 3 fluorescence (1 min)

O Agilent microarray slide scanning and feature

Fluent platform initialization (15 min)

**Semi-Automated Assay** 

• Deck setup (15 min)

**Microarray Readout** 

extraction (3.5 hr)

- Sample preparation (1.25-1.5 hr)
- O Tecan Fluent dilutions (if applicable)

#### **Sample Binding**

- O Sample binding reaction (3.5 hr)
- Auxiliary preparation (20 min)
- Gather consumables/prepare Fluent (30 min)

#### **Hybridization**

Hybridization plate prep (15 min)

- Agilent microarray slide loading (5 min) Ô
- Documentation (10 min) ۵
- 0 Agilent microarray hybridization (19 hr)
- Agilent microarray slide washing (30 min) ۵

#### **Data Review and Upload**

- Documentation (20 min)
- Data review and upload (10 min)
- 0.5 hours

20 hours

O SomaLogic normalizes data, assures data

**ADAT File Generation** 

quality, and creates an ADAT file O SomaLogic flags any data irregularities

\*Provided as an estimate. ADAT file-generation lead-time estimates are subject to fluctuate depending on demand.

Hands On Steps Hands Off Steps Note that some hands-on and hands-off tasks run concurrently.





3.5 hours