**Immune Monitoring**

**FRED HUTCHINSON CANCER RESEARCH CENTER**
SEATTLE, WA • 501(C)(3) NONPROFIT

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**Shared Resource:** Immune Monitoring  
**Location:** Steam Plant Building, S5-101  
**Contact phone:** (206) 667-6455  
**Contact fax:** (206) 667-6845  
**Contact email:** jcao@fredhutch.org

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**Roche LightCycler 480 II**

**Location:** Weintraub Building, DE-550  
**Contact phone:** (206) 667-6455  
**Contact fax:** (206) 667-6845  
**Contact email:** jcao@fredhutch.org

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**Quantitative Real-Time PCR**

The LightCycler 480 from Roche is available for quantitative real-time PCR analysis and can perform methylation analysis and high-resolution melting analysis. We only offer analysis for 96-well plates.

Use the LightCycler® 480 System to perform:

- Gene quantification
  - Gene detection
  - Absolute quantification
  - Relative quantification/gene expression analysis
- Genetic variation analysis
  - Melt-curve genotyping with labeled probes
  - Endpoint genotyping
  - High-resolution melting (HRM)
- Multiple plate analysis

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Equipment in the Immune Monitoring shared resource is open to all investigators. Operation training and on-site assistance are provided. Usage is on a first-come, first-served basis and no reservation is currently required. Please contact the core to set up training.