# Reflectance Experiment LABoratory (RELAB)

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[https://sites.brown.edu/relab/](https://sites.brown.edu/relab/)

## Description of Facility
- Spectral reflectance and transmission data of Earth and planetary materials at visible-near-mid-far infrared wavelengths
- Custom bi-directional spectrometer (BDR) for reflectance or transmission measurements; viewing geometry can be changed for photometric studies; FTIR and microscope FTIR for reflectance and transmission measurements
- 100% available for community use
- Analyses done by facility personnel or by visitors
- No restrictions for short term use; long term or independent use requires completing university lab safety training

## How to use the facility
- E-mail [Ralph_Milliken@brown.edu](mailto:Ralph_Milliken@brown.edu) and [Takahiro_Hiroi@brown.edu](mailto:Takahiro_Hiroi@brown.edu)
- All requests for feasible measurements are accepted
- Requests are prioritized based on first-come first-serve basis; large number of measurements for single user may be interspersed with other user measurements; NASA-funded researchers given priority
- No charge to users other than costs for shipping materials to and from the facility

## Contact information:
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Brown University  
Campus Box 1846 (FedEx samples to: 324 Brook St.)  
Providence, RI 02912

For measurement requests and lab use, contact:  
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