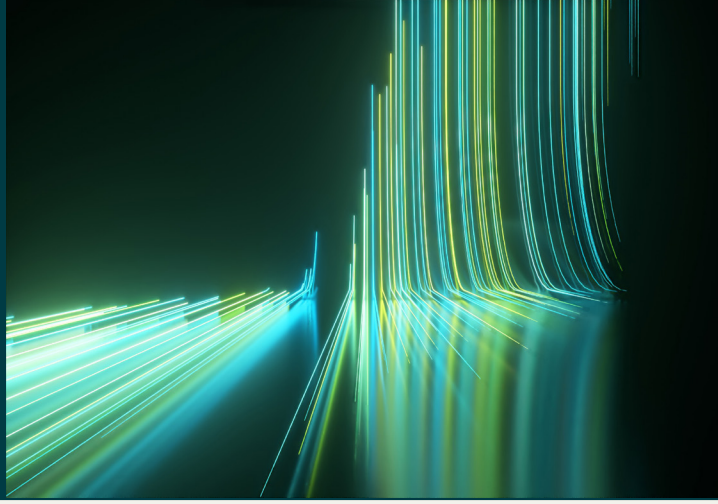
WILEY

Spectral Databases

From the leader in spectral data



IR - Clinical - Wiley

Spectra – 20

This database is only available as part of the KnowItAll IR Spectral Library subscription.

Description

Infrared (IR) spectroscopy enables the rapid, powerful characterization of the chemical composition of biological components, providing insight into physiology-related biochemical variation. This database contains IR spectra of pancreatic cell lines, supporting the analysis and comparison of biological materials. By enabling the study of spectral features and variations associated with physiological processes or pathologies, this database supports biomedical and clinical research, and serves as a complementary tool alongside clinical testing methods.

Applications

- Biomedical research
- Clinical research
- Machine learning
- Support for clinical testing

Additional information

When it comes to spectral analysis, the more data you have the better. Wiley spectral databases provide much more information than simply the spectrum. Database records include the following valuable details when available:

- Cell line name
- Sample description
- Sample preparation procedure
- Source of sample
- Instrument name
- Manufacturer

Compound coverage

- Pancreatic cell lines

Compatibility

- Subscription includes KnowItAll ID Expert software for one-click basic spectral searches
- Optional: KnowItAll Analytical Edition (recommended for advanced analysis)
- Import spectra from most IR instruments for direct comparison to reference spectra. For instrument compatibility, visit sciencesolutions.wiley.com/compatibility.

Trusted data from a trusted source

Wiley is the authoritative source for spectral data. Our renowned databases are processed according to rigorous protocols to ensure they are of the highest quality. Qualification procedures start at data acquisition and continue throughout the database development process. Any data acquired from trusted partners is thoroughly vetted before inclusion in our collections.