



IVDr Forum

- An Online Forum Connecting IVDr Researchers Across the Globe

One of the major benefits of the IVDr platform is its reproducibility and transferability, which enables researchers across the globe to exchange data based on embedded SOPs. The IVDr Forum is a new site designed to facilitate contact between users of the IVDr and IVDr compatible systems, allowing researchers to easily share information, learn from each other and get access to beta versions of software, Matlab Scripts and, perhaps most importantly, a spectral base of body fluids.

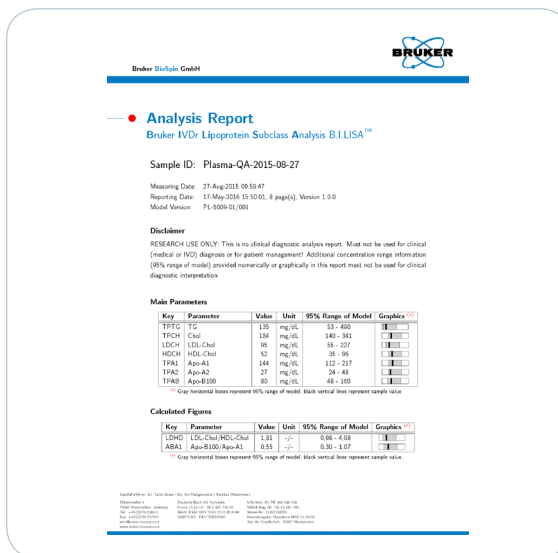
Members can also download literature, graphics and Bruker presentations. Further tools and information will be added to over time. Organizations that deal with standardization in the area of metadata in clinical and translational research are encouraged to join, participate and help members shape the future.

The membership to the IVDr Forum is inclusive to groups purchasing an IVDr system or having done so since introduction. Users having upgraded a non-IVDr system to a state compatible to the IVDr can also gain access through a one time fee.

Register Once and Gain Access to:

- Spectral database of body fluids
Bruker is building a database of spectra generated using our SOPs, organized in different studies, which members can download for free and use for academic purposes. Members are encouraged to enter their spectra sets into the database as well.
- BBIREFCODE
A spectral database of reference compounds in body fluids and food materials in the IVDr package which is updated regularly. The spectra are used in identification of compounds in the mixture and to also support automatic quantification routines developed by Bruker.
- Literature, graphics and Bruker presentations
Relevant literature for the applications fields of the IVDr instrument is given either as link or directly if allowed. This literature list is regularly updated, when new information is coming in.
- Matlab Scripts
A set of Matlab scripts can be downloaded from the forum website for experienced Matlab users. These have no product status and are delivered as is. Scripts included are:
 - Read processed TopSpin spectra
 - Plot spectra
 - Multi-Integrate
 - Bucketing for input into statistics under Matlab
 - STOCSY Statistical correlation spectroscopy, including statistical heterospectroscopy (SHY)
 - Quantile Plot
- Conference information
Learn about the conference participation and activities of Bruker staff. In addition members can add information about talks or posters they present at conferences.
- Metagene website access
Metagene is an extensive database system in the area of inborn errors of metabolism. Together with the producers of Metagene, Bruker is offering members access to this database, which contains large amounts of information on inborn errors of metabolism, biomarkers, co-biomarkers, related literature and more.

- Lipoprotein Subclass Analysis
B.I.-LISA is a new analysis tool for plasma and serum available as an option on the IVDr platform. Forum members can have up to 10 samples analyzed for free per year, if they have not purchased the analysis tool. In return, the result of the conventional main class analysis is given to Bruker in anonymous form with the purpose of enabling continuous validation on a worldwide basis.



- Member information
In order to facilitate information exchange and find members with similar projects, a member list is set up for those who want to release their information in the forum. The following fields are available:
 - Member contact details
 - Member fields of expertise
 - List of projects with short description and status
 - Relevant literature

