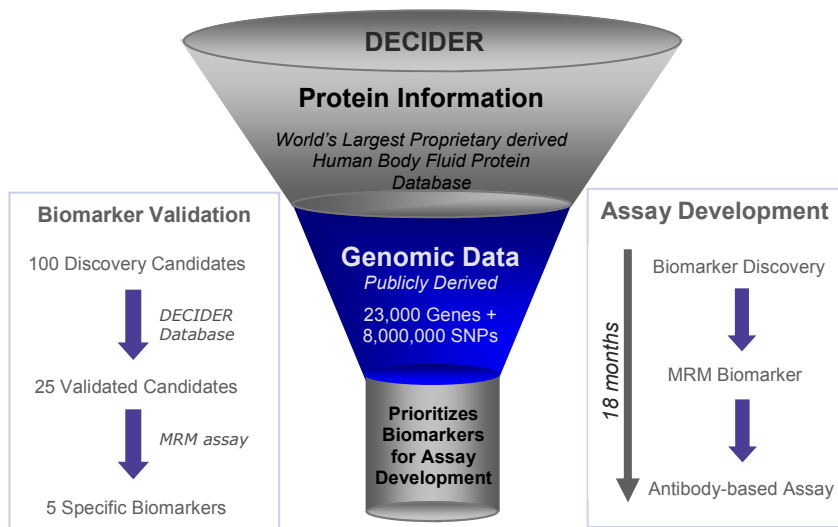


Discovery	Validation	MRM-based Assays
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Biomarker Discovery: DECIDER Database

The DECIDER database is derived from the world’s largest proprietary source of protein biomarker information that has been accumulated over the last 10 years. The proprietary derived data contains information on over 1,000,000 peptides and all the data contained within the database has undergone stringent Quality Control procedures which ensures accurate search results. The DECEIDER database also integrates publicly derived genomic data and coupled with the proprietary protein data, this helps to provide disease, tissue– or protein-specific insights.



DECIDER: A powerful Database integrating proteomic and genomic information to prioritize biomarkers

Therefore, the DECIDER database is an extremely powerful accelerator of the biomarker discovery process. By mining the extensive database contents using proprietary informatics, OBS can perform *in silico* validation and prioritization of discovered biomarkers and targets.

This in turn assists in the process of quickly deciphering a list of candidate biomarkers into a high confidence subset of high-probability biomarkers. This subsequently significantly reduces the scale of biomarker validation experiments which saves time and resources.

Benefits of using the DECIDER Database in Biomarker Discovery Programs

- Prioritizing biomarkers reduces the time and resources required for validation experiments.
- Provides a benefit of valuable new insights from extensive professionally conducted research which is encapsulated in the DECIDER database
- Focuses a list of candidate biomarkers enables you to shift resources to more advanced research objectives
- Accelerates and reduces the cost of conducting preclinical and clinical validation studies associated with diagnostic and drug development programs

For further information on our services please contact:

Oxford Biomarker Services
 94A Milton Park
 Abingdon, OX14 4RY
 United Kingdom
 T: +44 (0) 1235 861 770
 F: +44 (0) 1235 861 771



Email: info@biomarkerservices.com
www.BiomarkerServices.com