

ProteinDirect Assay Services

Oxford Biomarker Services offers ProteinDirect, a service where we develop single or multimarker assays based on a panel of protein biomarkers that you select.

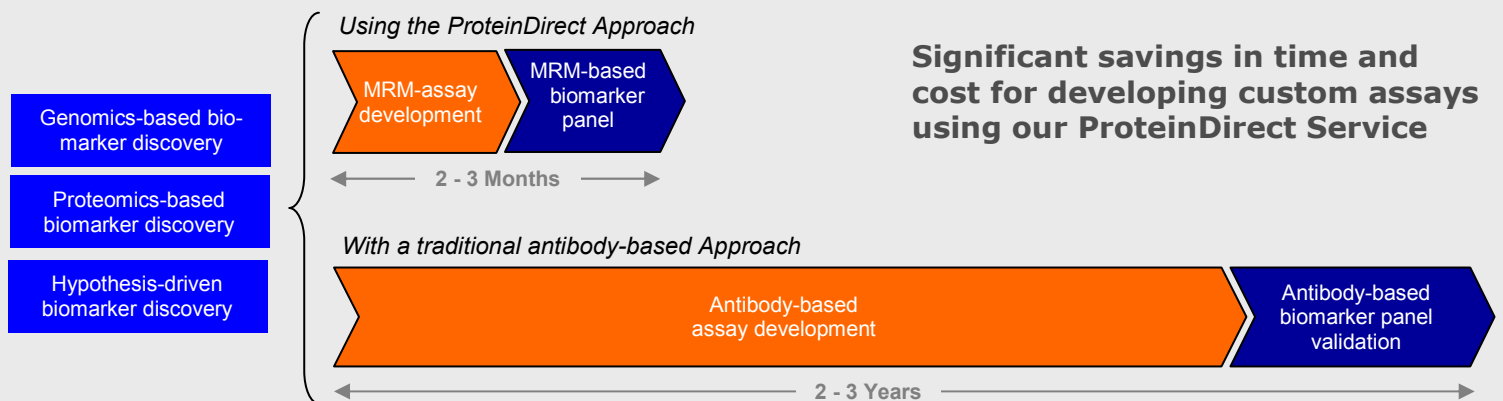
Your chosen biomarkers may be derived from known proteins in the literature, hypothesis-driven markers that you wish to explore or protein or genomic biomarkers that you have discovered. This is an ideal way to validate your existing biomarker discovery projects, test your hypotheses, and explore the advantages of combining multiple markers together in a single assay.

As our approach does not rely on immunoassay development, you are not restricted to biomarkers for which antibodies already exist, nor require the costly generation of new antibodies. Therefore, ProteinDirect is an ideal service for drug development and diagnostic programs.

Once developed, the multimarker assay can be transferred back to your own lab, or you can continue to utilise our affordable contract analysis services.

The ProteinDirect Assay Advantage

- *Rapid assay development*
- *Monitor multiple analytes simultaneously*
- *No antibodies are required to the analyte(s) of interest*
- *Able to provide information on absolute quantitation*
- *Examine Post translational modifications and protein isoforms*



ProteinDirect utilises our powerful proprietary database, DECIDER. The DECIDER Database is derived from the world's largest proprietary protein database, containing in excess of 1,000,000 sequenced peptides. The database enables us to select peptides that have been successfully sequenced before and this greatly increases the success of MRM assays.

The technique is rapid, sensitive and it is also possible to monitor and quantify different protein isoforms and post-translational modifications. Typically, it is possible to develop MRM assays in weeks in comparison to antibody-based assays which can take months/years.

For further information on our Services please contact:

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