

Specialist laboratory services for clinical trials

- Purpose built
- Full range of services
- Fast turnaround
- Integrated with clinical trials unit
- Competitive prices



Hammersmith
Medicines Research

www.central-laboratory-london.com

State-of-the-art central laboratory

- Beckman Coulter 'Power Processor' – automated sample handling system with modules for centrifuging, level sensing, de-capping, aliquoting and labelling, re-capping, sorting, and sample storage
- Pneumatic tube sample transmission from wards
- Storage at 4°C, –20°C, –70°C, and liquid nitrogen; continuous temperature monitoring
- GLIMS – sophisticated laboratory information management system
- Data export in sponsor's format
- Swipe-card-control access to all areas
- Licence and facilities for handling radioactivity

Large menu of clinical laboratory tests

- Separate rooms for:
 - Platelet function
 - Cell stimulation and separation
 - Flow cytometry
 - Radioimmunoassay and liquid scintillation counting
- Safety pathology – extensive range of tests
- Biomarkers for kidney, heart, liver, gut, peripheral tissue, lung, inflammation and immunology
- Method setup and validation as required
- Same methodology for the life of a clinical trial
- Whenever possible, same reagent lot number used for each trial
- Own established reference ranges, based on a large population of healthy volunteers



Wide range of biomarkers...

Gastric

- Helicobacter pylori
- Pepsinogen I and II
- Gastrin
- Chromogranin A
- Somatostatin

Lipid metabolism

- Free fatty acids and Phospholipid B
- Apolipoprotein A-1, B, E and C-III
- Adiponectin
- Leptin
- Ghrelin

Bone

- Bone-specific alkaline phosphatase
- Growth hormone
- Intact parathyroid hormone
- Total MMP-9

Platelet function and coagulation

- 11-Dehydro thromboxane B2 in urine
- 2,3-dinor-6-keto prostaglandin F1 α
- Factor X PT
- Heparin activity (HEP LMW)
- Plasmin inhibitor

Renal

- Cystatin C
- Retinol-binding protein (RBP 4)
- Urine Beta NAG
- Renin and aldosterone
- Corticosterone

Diabetic

- Insulin and C-peptide
- Glucagon

Cardiac

- Troponin I
- CK-MB
- Myoglobin

Reproductive

- Inhibin B
- Sex hormone-binding globulin (SHBG)
- DHEA and DHEA-SO4

Inflammation/immunity

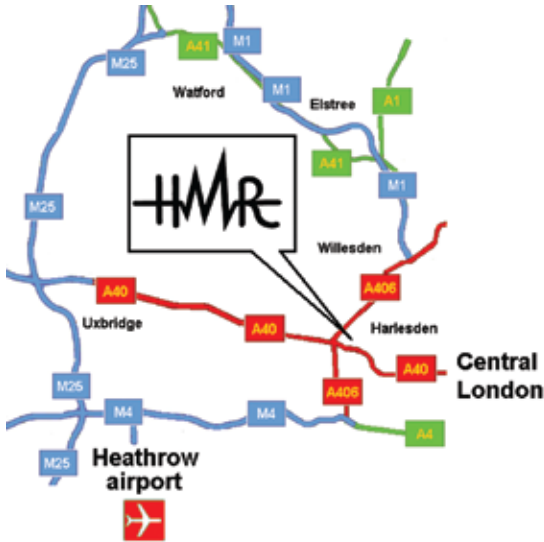
- Gated autofluorescence forward scatter (GAFs) assay
- Platelet activation markers & reticulated platelets
- Neutrophil CD11b and shape change
- Neopterin
- Surfactant protein D (SP-D)
- Myeloperoxidase (MPO)

...and many more!



First class clinical trials service

- Total pathology project management, with a dedicated project leader
- Implementation of trial-specific requirements, including result flagging, alert limits, and blinding of data
- Sample collection kits quickly prepared and distributed to sites
- Trial-specific instructions and documents prepared for trial sites
- Trial-specific sample transport for fast and secure shipment
- Comprehensive data checks and filters that produce clean data sets, for early database lock
- Electronic transfer of results; interim reports for data review; and final trial data files to your specification



Hammersmith Medicines Research
Cumberland Avenue
London NW10 7EW
www.central-laboratory-london.com

Phone: 020 8963 4527
Fax: 020 8963 1664
Email: jnaveda@hmrlondon.com



Laboratory Accreditation

- Stringent quality assurance and regulatory standards
- College of American Pathologists (CAP)
- ISO: 9001 (2008)
- NEQAS and CAP proficiency testing
- CAP competency assessment programme
- HPC registered Biomedical Scientists with IBMS membership