

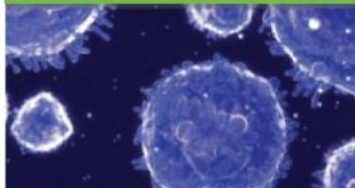
Healthcare: trusted solutions from test tube to treatment



CUSTOMER OUTCOMES

PRODUCTS & TECHNOLOGIES

DRUG DISCOVERY



- Understanding the molecular basis of disease and drug action
- Rapid identification of drug candidates and companion diagnostics
- Reliable early decision making

- Genomics reagents, instrumentation and services
- Chemistry and biology for oligonucleotide therapeutics
- Cells and molecular standards



DRUG DEVELOPMENT



- Bespoke methodology and data help understand drug metabolism and efficacy
- Bespoke methodology and data to optimise drug substance and drug product manufacture
- Better health research outcomes

- Proficiency testing for clinical trials
- Bioanalysis of small molecules, oligonucleotides and proteins
- Analytical solutions for Chemistry Manufacture & Controls (CMC)
 - Health research programme management



DRUG MANUFACTURE



- More consistent quality across production sites and testing laboratories
- Protection from counterfeit medicines
- Investigational therapeutic oligonucleotides for clinical trials

- Impurity, API and excipient reference standards
- UK National Measurement Laboratories
 - cGMP manufacture of therapeutic oligonucleotides



TREATMENT & DIAGNOSTICS



- Greater confidence in diagnostic instruments and testing laboratories
- Availability of latest technologies for molecular diagnostics
 - Greater knowledge and standardisation of biomarkers
 - Confidence in consumer healthcare products

- Diagnostic reference standards, calibration verification materials and controls
- Reagents and instruments for molecular diagnostics and next generation sequencing (NGS)
 - Biomarker development and standardisation