

# Specialised red cell tests

## Red cell membrane studies

- EMA dye binding: Synovis/Oxford/Imperial
- Osmotic fragility: Imperial

## Haemoglobin studies

- Oxygen affinity (p50): Synovis/Imperial
- Routine Hb HPLC: Synovis/Oxford/Imperial
- Special stain Heinz prep: Synovis/Oxford/Imperial

## Iron tests

- sTFR: Synovis/UCLH

## B12/folate

- Homocysteine levels: Synovis
- MMA levels: Synovis
- Red cell folate: Synovis

## Red cell enzymes

- G6PD activity (deficiency screen/quantitative assay): Synovis/Oxford/Imperial
- GPI activity (GPI Assay): Synovis/Imperial

## Bone marrow failure tests

- Faecal elastase: Synovis
- X chromosome inactivity (Infertility sex chromosome aneuploidy): Synovis
- eADA levels (ADA, PEG-ADA): Synovis