| Author year                        | Number of patients | Patient selection                  | Age range (years) | Assays compared                                                                 | Storage          | Sample taken                                      | Notes                                                                                                                                                                                                 |
|-----------------------------------|--------------------|------------------------------------|-------------------|---------------------------------------------------------------------------------|------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nelson et al. (2015)              | 83                 | Assisted conception patients       |                   | Access Elecsys Gen II Assay                                                    | −80°C            | Days 2–5 of cycle                                 |                                                                                                                                                                                                                                                   |
| Li et al. (2016)                  | 265                | Assisted conception patients       |                   | Access Elecsys Gen II Assay                                                    | Fresh −20°C (2  | Not documented                                    | Diagnostic performance for PCOS also compared.                                                                                                                                                                                                      |
|                                   |                    |                                    |                   | weeks)                                                                          | −80°C (2 weeks)  |                                                    |                                                                                                                                                                                                                                                   |
| Tadros et al. (2016)              | 211                | Assisted conception patients       | 24–43             | Access Elecsys Gen II Assay                                                    | Frozen thawed    | Days 1–5 of cycle                                 | Inclusion Criteria: Both ovaries present with no morphological abnormalities BMI 18–25 kg/m² Optimum ovarian visualisation at transvaginal sonography                                                                                                                                 |
|                                   |                    |                                    |                   | samples. No temperature given Frozen for 2–4 months                           | samples          |                                                    |                                                                                                                                                                                                                                                   |
| van Helden and Weiskirchen (2015)| 146                | Assisted conception patients PCOS  | 19–53             | Access Elecsys Gen II Assay                                                    | −30°C            | Days 2–4 of cycle                                 | Simultaneous AFC by transvaginal sonography                                                                                                                                                                                                         |
| Pigny et al. (2016)               | 95                 | PCOS                               | 18–35             | Access Elecsys Gen II Assay                                                    | −80°C            | Days 2–5 of cycle (spontaneous or induced with dydrogesterone 10 mg/day for 7 days) | Exclusion criteria: Age < 18 or > 35 Suspicion of low ovarian reserve hyperprolactinaemia nonclassic 21-hydroxylasedeficiency Ovarian/Adrenal tumours hypothalamic amenorrhoea follicle >9 mm/serum E₂ > 80 pg/ml Unexplained infertility Endometriosis                                                                 |