

# Laboratory Report - Blood Test Results

|                   |                  |
|-------------------|------------------|
| Patient Name:     | Mrs. Sarah Ahmed |
| Date of Birth:    | 14/06/1985       |
| Date of Test:     | 20/08/2025       |
| Referring Doctor: | Dr. James Wilson |

| Test                              | Result                   | Normal Range                   | Flag   |
|-----------------------------------|--------------------------|--------------------------------|--------|
| Hemoglobin (Hb)                   | 8.9 g/dL                 | 12.0 - 16.0 g/dL               | LOW    |
| Hematocrit (Hct)                  | 28 %                     | 36 - 46 %                      | LOW    |
| Red Blood Cells (RBC)             | 3.2 x10 <sup>12</sup> /L | 4.2 - 5.4 x10 <sup>12</sup> /L | LOW    |
| Mean Corpuscular Volume (MCV)     | 68 fL                    | 80 - 100 fL                    | LOW    |
| Mean Corpuscular Hemoglobin (MCH) | 22 pg                    | 27 - 33 pg                     | LOW    |
| White Blood Cells (WBC)           | 6.5 x10 <sup>9</sup> /L  | 4.0 - 11.0 x10 <sup>9</sup> /L | Normal |
| Platelets                         | 320 x10 <sup>9</sup> /L  | 150 - 400 x10 <sup>9</sup> /L  | Normal |
| Iron                              | 35 µg/dL                 | 60 - 170 µg/dL                 | LOW    |
| Ferritin                          | 8 ng/mL                  | 15 - 150 ng/mL                 | LOW    |

**Impression:** Findings are consistent with Iron Deficiency Anemia (■■■ ■■). Further evaluation and referral to a hematologist recommended.