

Table 2: Molecular Genetics Service List

| Test | | | Specimen | | | Turnaround Time (Receiving to Reporting) | |
|----------------------------------|-------|--------------|---------------------------|--|---|---|---------|
| Description | Code | Service List | Volume | Tube Type | Precautions | DHA | Non-DHA |
| A β Thalassemia (Hb + DNA) | ABTH | 2003642 | 5 ml | EDTA | Keep the sample @ 4 $^{\circ}$ C until specimen received. | 20 Days | 20 Days |
| A Thalassemia DNA Screening | ATHP | 2003639 | 5 ml | EDTA | Keep the sample @ 4 $^{\circ}$ C until specimen received. | 20 Days | 20 Days |
| Cystic Fibrosis | CFB | 2003261 | 5 ml | EDTA | Keep the sample @ 4 $^{\circ}$ C until specimen received. | 3 Months | 3 Month |
| DNA Extraction | DNAEX | 2003644 | 5 ml | EDTA | Keep the sample @ 4 $^{\circ}$ C until specimen received. | 10 Days | 10 Days |
| Fragile X (DNA Analysis) | FRXB | 2003643 | 5 ml | EDTA | Keep the sample @ 4 $^{\circ}$ C until specimen received. | 3 Month | 3 Month |
| Hemoglobin Analysis (HPLC) | HBP | 2003641 | 5 ml | EDTA | Keep the sample @ 4 $^{\circ}$ C until specimen received. | 1 Week | 1 Week |
| PND β Thalassemia | PND | 2003263 | Chorionic Villus Sample & | Normal Saline / Sterilized Transport Media & | Keep the sample @ 4 $^{\circ}$ C until specimen received. | 2 weeks | 2 weeks |

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|-----------------------|------|---------|------------------------|------|--|------------|------------|
| | | | 5 ml Whole Blood | EDTA | | | |
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| XMN-1 Polymorphism | XMN1 | 2003645 | 5 ml | EDTA | Keep the sample @ 4°C until specimen received. | 3 Month | 3 Month |