

The laboratory of Thalassemia Research Unit, Hematology Research Center, Naresuan University Hospital has been accepted as an accredited laboratory in the field of medical laboratory for the following scopes.

No.	Type of Sample	Test	Method
1.	EDTA Blood, Cord Blood	Hemoglobin Typing (Hb typing)	-High Performance Liquid Chromatography (HPLC) : VARIANT II Hemoglobin Testing System Analyzer -Capillary Electrophoresis (CE) : Sebia MINICAP™ Flex-Piercing Analyzer
2.	EDTA Blood, Amniotic Fluid, Chorionic villus sampling (CVS)	α -thalassemia-1 SEA & Thai deletion	Real time PCR : CFX 96 real time Thermal cyclers Analyzer
3.	EDTA Blood, Amniotic Fluid, Chorionic villus sampling (CVS)	Beta Thalassemia Mutation	Real time PCR with HRM technique : CFX 96 real time Thermal cyclers Analyzer
4.	EDTA Blood, Amniotic Fluid, Chorionic villus sampling (CVS)	α -thalassemia 2 3.7 kb & 4.2 kb deletion	Gap-Polymerase Chain Reaction (PCR) : Thermal cyclers 9700 Analyzer
5.	EDTA Blood, Amniotic Fluid, Chorionic villus sampling (CVS)	Hb Constant Spring (Hb CS)	Amplification refractory mutation system : Thermal cyclers 9700 Analyzer