

<b>Newborn screening</b>		
<b>Endocrinopathy</b>		
Hereditary Hypothyreosis	TSH	serum
Adrenogenital syndrome (AGS)	17-OH progesterone	serum
<b>Metabolic disease</b>		
Classical Galactosemia	Galactose	Urine
<b>Aminoacidopathies and urea cycle disorders</b>		
PKU Neonatal	Enzymatic	Blood(Filter –Paper)
Phenylketonuria (PKU) confirmatory test	Phenylalanine (HPLC)	Heparin-Plasma
Hyperphenylalaninemia (HPA)	Phenylalanine (HPLC)	Heparin-Plasma
Maple syrup urine disease	Leucine, IsoleucineValine(HPLC)	Heparin-Plasma
Alkaptonuria	Homogentisic acid (HGA )	Urine
Homocystinuria	Homocystine (TLC)	Urine,plasma, serum
Tyrosinemia Type I	Tyrosine (HPLC)	Urine,plasma, serum
Citrullinemia	Citrulline (HPLC)	Urine,plasma, serum
Glucose-6-phosphate dehydrogenase deficiency	G-6-PD	EDTA-Blood
Hemoglobinopathies (i.e. C, D, E, S)	Hemoglobinelectrophoresis	serum
VBG	(pH,pCO <sub>2</sub> ,pO <sub>2</sub> ,HCO <sub>3</sub> ,BE)	Heparin Blood
ABG	(pH,pCO <sub>2</sub> ,pO <sub>2</sub> ,HCO <sub>3</sub> ,BE)	Heparin Blood