A COMPLETE BLOOD SPOT SCREEN:
<24-hour Specimen + Post-transfusion Specimen

Combining the results from a specimen drawn before 24 hours with the results from a specimen collected after transfusion, provides a **COMPLETE** screen. Although early collection will mean unsatisfactory results for some disorders, other disorders are not affected by collection time. Similarly, some disorders are affected by transfusion and others are not. Of note, this list is based on what is known. There may be testing interferences that are not yet known or published and updates will be made, when needed.

Valid Before 24 hrs	Valid Post-transfusion	Blood Spot Disorders on Panel
☑		Biotinidase deficiency
☑		Cystic fibrosis
☑		Galactosemia
☑		Hemoglobinopathies
☑		Severe combined immunodeficiency
☑	☑	Congenital cytomegalovirus
☑	☑	Duchenne muscular dystrophy (DMD)
☑	☑	Krabbe disease
☑	☑	Mucopolysaccharidosis type I
☑	☑	Pompe disease
☑	☑	Spinal muscular atrophy
☑	☑	X-linked adrenoleukodystrophy
	☑	Amino acid disorders
	☑	Congenital adrenal hyperplasia
	☑	Congenital hypothyroidism
	☑	Fatty acid oxidation disorders (acylcarnitine profile)
	☑	Organic acid disorders (acylcarnitine profile)

DEPARTMENT OF HEALTH
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