

Hawaii State Newborn Metabolic Screening Program (HI NBMSP)
Oregon State Public Health Laboratory (OSPHL)
Severe Combined Immunodeficiency (SCID) NBS

Birth weight	TREC Copies/uL	RnaseP (CT)	Result Code	Report Wording	Lab Action	Local Follow up	Suspected SCID Diagnosis
Any	>20	<28.6	NOR	Normal	--		
	Any	> 28.6	INC	Assay Interference	OSPHL requests repeat bloodspot specimen – HI NBMSP and Pediatrician notified of results by lab	Pediatrician is mailed report and repeat specimen card. Pediatrician coordinates repeat sample by due date. HI NBMSP follows up with Pediatrician if no results reviewed by due date.	
>2500g	<10		ABN	Low/No TRECs	Presumptive Positive – OSPHL contacts Pediatrician and HI NBMSP	Pediatrician – Orders confirmatory tests: 1. CBC with differential 2. Lymphocyte subset panel (flow cytometry) HI NBMSP - Calls Pediatrician and provides guidance for follow-up testing	Pediatrician – Makes referral to KMCWC Pediatric Infectious Disease HI NBMSP – Notifies HI SCID NBS Follow up Project members
	10-20		LOW	Low TRECs	OSPHL requests repeat bloodspot specimen – HI NBMSP and Pediatrician notified of results by lab	Pediatrician is mailed report and repeat specimen card. Pediatrician coordinates repeat sample by due date. HI NBMSP follows up with Pediatrician if no results reviewed by due date.	
	< 20 on two or more specs		ABN	Low/No TRECs	Presumptive Positive – OSPHL contacts Pediatrician and HI NBMSP	Pediatrician – Orders confirmatory tests: 3. CBC with differential 4. Lymphocyte subset panel (flow cytometry) HI NBMSP - Calls Pediatrician and provides guidance for follow-up testing	Pediatrician – Makes referral to KMCWC Pediatric Infectious Disease HI NBMSP – Notifies HI SCID NBS Follow up Project members
<2500g	< 20		LOW	Low TRECs	OSPHL requests repeat bloodspot specimen – HI NBMSP and Pediatrician notified of results by lab	Pediatrician is mailed report and repeat specimen card. Pediatrician coordinates repeat sample by due date. HI NBMSP follows up with Pediatrician if no results reviewed by due date.	
	< 20 on two specs		LOW	Low TRECs	OSPHL requests repeat bloodspot specimen – HI NBMSP and Pediatrician notified of results by lab	Pediatrician is mailed report and repeat specimen card. Pediatrician coordinates repeat sample by due date. HI NBMSP follows up with Pediatrician if no results reviewed by due date.	
	< 20 on three or more specs		ABN	Low/No TRECs	Presumptive Positive – OSPHL contacts Pediatrician and HI NBMSP	Pediatrician – Orders confirmatory tests: 5. CBC with differential 6. Lymphocyte subset panel (flow cytometry) HI NBMSP - Calls Pediatrician and provides guidance for follow-up testing	Pediatrician – Makes referral to KMCWC Pediatric Infectious Disease HI NBMSP – Notifies HI SCID NBS Follow up Project members