

NEWBORN SCREENING (Fluoro Immuno Assay)		
G6PD	U/g of Hb	(>2.00)
TSH	uIU/mL	(<10.00)
PHENYLALANINE	mg/dL	(<3.00)
CYSTIC FIBROSIS (IRT) (LINK WITH AGE- 2 AGE GROUPS GIVEN)	ug/L WB	(<70.00)
17-OHP	ng/mL	(<55.00)
GALACTOSEMIA	mg/dL	(<8.00)
BIOTINIDASE	Units	(>50.00)

Interpretation

BIOTINIDASE	REMARKS
>50	Normal
30-50	Partially deficient
<30	Deficient
GALACTOSEMIA	
<8	Normal
8-11	Equivocal
>11	High
TSH	
<10	Normal
10-20	Borderline
>20	High

Note

1. Results should be clinically correlated.
2. False negative results may be seen due to individual / biological variations
3. Test conducted on heel prick blood
4. Genetic counseling available with prior appointment at National Reference Laboratory, New Delhi

Comments

Newborn screening is an important and effective component of preventive medicine allowing detection of treatable disorders before irreversible clinical symptoms manifest. A negative newborn screening outcome should not be regarded as a blanket exclusion of metabolic disorders in patients presenting with unexplained clinical manifestations at any age.

Impression

Advised