BAYLOR
Institute of Metabolic Disease
Baylor Research Institute
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www.baylorhealth.edu/imd

Patient Name: Schureman, Finn
Patient ID #:
Age: 2 Year(s)
Date of Birth: 9/14/2012
Ordering Physician: James A Neubrander

Print Date: 12/16/2014
Reprint Date: 12/16/2014

Dr.James A Neubrander**
485A Route 1 South
Suite 320
Iselin, NJ 08830

IMD Order #: 141200223
Date received: 12/9/2014

Specimen Type: Dried Blood Spot
Accession Number: NP0012584
Date of Collection: 12/4/2014 **Time of Collection:**
Client Specimen ID:

Specimen Integrity:

RESULTS:

Gene	Mutation	Allele 1	Allele 2	Genotype
MTHFR	C677T	C	C	normal
MTHFR	A1298C	C	C	homozygote

INTERPRETATION:
Normal for MTHFR C677T and homozygous for MTHFR A1298C: The patient is negative for the C677T mutation and has two copies of the MTHFR A1298C mutation. This is associated with approximately **30%** decreased level of enzyme activity. This patient may benefit from folate supplementation. Genetic counseling is recommended.

Interpreted by: Teodoro Bottiglieri, Ph.D.

Abbreviations:
MTHFR Methylenetetrahydrofolate reductase

METHOD: Analysis performed using 5'-nuclease allelic discrimination assay (TaqMan® assay)

This test was developed and its performance characteristics determined by Baylor Research Institute, Institute of Metabolic Disease. It has not been cleared or approved by the FDA. The laboratory is regulated under CLIA as qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research.