



LAB #: B000000-0000-0
 PATIENT: Sample Patient
 ID: PATIENT-S-00000
 SEX: Male
 AGE: 18

CLIENT #: 12345
 DOCTOR:
 Doctor's Data, Inc.
 3755 Illinois Ave.
 St. Charles, IL 60174 U.S.A.

DNA Methylation Pathway Profile; Whole Blood

RESULTS

Gene Name / Variation	Mutation Not Present	Mutation(s) Present	Call	
SHMT / C1420T		+/-	Hetero	Minus "-" represents no mutation
AHCY / 1	-/-		A	Plus "+" represents a mutation
AHCY / 2	-/-		T	"-/-" indicates there is no mutation
AHCY / 19	-/-		A	"+/-" indicates there is one mutation
MTHFR / C677T		+/-	Hetero	"+/+" indicates there is a double mutation
MTHFR / A1298C		+/-	Hetero	
MTHFR / 3	-/-		C	
MTR / A2756G	-/-		A	
MTRR / A66G		+/+	G	
MTRR / H595Y	-/-		C	
MTRR / K350A	-/-		A	
MTRR / R415T	-/-		C	
MTRR / S257T	-/-		T	
MTRR / 11	-/-		G	
BHMT / 1		+/-	Hetero	
BHMT / 2	-/-		C	
BHMT / 4	-/-		A	
BHMT / 8	-/-		C	
CBS / C699T	-/-		C	
CBS / A360A		+/-	Hetero	
CBS / N212N	-/-		C	
COMT / V158M		+/+	A	
COMT / H62H		+/+	T	
COMT / 61	-/-		G	
SUOX / S370S	-/-		C	
VDR / Taq1		+/-	Hetero	
VDR / Fok1		+/+	T	
MAO A / R297R		+/+	T	
NOS / D298E		+/-	Hetero	
ACAT / 1-02		+/-	Hetero	

Comments:

Date Collected: 06/04/2015

Date Received: 06/08/2015

Date Completed: 07/03/2015

*For Research Use Only. Not for use in diagnostic procedures.

Methodology: MassARRAY iPLEX platform by Sequenom

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Methionine Metabolism Transmethylation & Transsulfuration Diagram

