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Patient: Kuhlman, Rose

Accession ID: 1911190395

Provider: Kozura Chris, N.D.

Order Status: **Partial Results**

Apolipoprotein E

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Science + Health + Solutions

PATIENT

NAME	AGE
Kuhlman, Rose	66
DOB	GENDER
9/25/1953	Female
PATIENT ID	
19-323-00335	

SPECIMEN

ACCESSION ID	DATE COLLECTED
1911190395	11/18/2019
ORDER ID	DATE RECEIVED
1395-00074326734-191119	11/19/2019
	DATE REPORTED
	12/04/2019

PROVIDER

ACCOUNT ID	CLIENT NAME
74326734	Kozura Chris, N.D.
ADDRESS	
9757 NE Juanita Dr Suite 200	
KIRKLAND, WA 98034	

Apolipoprotein E

Tests	Results
APOE Interpretation	E2/E3
*Monitor Patient for Symptoms of hyperlipoproteinemia *Predicted positive response to statin therapy *Potential positive response in LDL-C levels with moderate alcohol intake	
Result Interpretation Apolipoprotein E is an essential protein for the metabolism of cholesterol and triglycerides. It is a major component of plasma lipoproteins including chylomicrons, VLDL (very low density lipoproteins), IDL (intermediate density lipoproteins), and HDL (high density lipoproteins). There are three common genetic variants of ApoE: E2, E3 and E4, leading to three different conformations of the protein that affect its ability to perform its function. Because each person carries two copies of the ApoE gene, there are 6 possible ApoE genotypes.	
Testing Limitations ApoE genotyping can provide useful information concerning risk of developing cardiovascular disease and, in conjunction with other lipid testing, can provide guidance for treatment regimens. However, genotyping alone is not predictive of disease development, and should not be used as the primary means of clinical diagnosis or treatment decision making.	
Rare isoforms of ApoE may not be detected by this methodology. Mutations in primer binding sites may prevent detection.	