

Example Client, XYZ123 1234 Warde Road Ann Arbor MI 48108 **EXAMPLE, REPORT W** WX0000003826 F 12/05/1988 34 Y

			Poforral Tosti	na				
			Collected: 09	/26/2023	8 08:09	Received	: 09/26/2023	08:09
Test Name		R	Result	Flag	Ref-Ranges	1	<u>Units</u>	Site
IDH1 an	d IDH2 Mutation A	nalysis, exor	า 4					
IDH1 and I	DH2 Mutation Results	D	Detected					ARRL
	A mutation in IDH2	exon 4 was de	tected: p.R172K					
	This result has bee Agarwal, M.D. BACKGROUND INFORMA	en reviewed an CION: IDH1 and	d approved by Ar . IDH2 Mutation R	chana esults				
	CHARACTERISTICS: The in exon 4 of the II IDH1 and R140 and H in gliomas and in a leukemia. IDH1/2 mu associated with a h leukemia, the progra context dependent. with worse outcome (see J Clin Oncol 2 In acute myeloid level IDH2 R140 mutations outcome while IDH2 worse outcome (see	his test is de DH1 and IDH2 g R172 of IDH2 t a subset of ca tations in gl petter prognos hostic signifi IDH1 mutation in patients w 2010. 28:3636 eukemia patien s appear to be R172 mutation Blood 2011. 1	signed to detect enes at "hotspot hat are frequent ses of acute mye iomas are genera is. In acute mye cance of IDH1 mu s appear to be a ithout FLT3-ITD and Blood 2010. ts with IDH2 abn associated with s appear associa 18:409).	mutati s" R132 ly pres loid lly loid tations ssociat mutatic 116:27 ormalit betten ted wit	ions 2 of sent s is ted ons 79). ties, r th			
	METHODOLOGY: DNA is bone marrow. The DN covering exon 4 of residues R132 (IDH) sequencing is then mutations in R132	s isolated fro NA is amplifie both genes in .), R140 (IDH2 performed to (IDH1), R140 a	m FFPE tissue, b d for IDH1 and I cluding the impo ) and R172 (IDH2 detect mutations nd R172 (IDH2) a	lood, o DH2 rtant ). Sano . Only re repo	pr ger prted.			
	LIMITATIONS: Mutat: and IDH2 genes or a limit of detection allele. Results of within the clinical and should not be a This test is not in disease.	ons in other on other genes for this test this test mus context and used alone for itended to det	locations within will not be det is 20 percent m t always be inte with other relev a diagnosis of ect minimal resi	the II ected. utant rpretec ant dat maligna dual	DH1 The d ta, ancy.			
	Test developed and Laboratories. See ( Performed by ARUP 1 500 Chipeta Way, S1 www.aruplab.com, Ju	characteristi Compliance Sta Laboratories, LC,UT 84108 80 Ilio Delgado,	cs determined by tement B: arupla 0-522-2787 MD - Lab. Direct	ARUP b.com/( or	CS			

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

Ordered By: KAJAL SITWALA, MD, PhD WX0000000002353



Example Client, XYZ123 1234 Warde Road Ann Arbor MI 48108

Test Name

IDH 1-2 Source

## **EXAMPLE, REPORT W** WX0000003826 F 12/05/1988 34 Y

## **Referral Testing**

	Collected:	09/26/2023	08:09	Received:	09/26/20	23 0	8:09		
<u>Result</u> Bone Ma	rrow	<u>Flag</u>	<u>Ref-Ranges</u>	<u> </u>	<u>Inits</u>		<u>Site</u> ARRL		
		Performing Site:							
ARRL: ARUP REFERENCE LAB 500 Chipeta Way Salt Lake City UT									

**Reported Date:** 2023.09.26 8:09 IDHMA

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED