



Sample Information

Patient Name: 陳柔安
Gender: Female
ID No.: A220313636
History No.: 20523697
Age: 65

Ordering Doctor: DOC2589K 曾令民
Ordering REQ.: D78348L
Signing in Date: 2023/09/21

Path No.: M112-00252
MP No.: BR23069
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2023/09/14

Reporting Doctor: DOC5424G 彭昱璟 (Phone: 8#5424)

Note:

Sample Cancer Type: Breast Cancer

Table of Contents	Page	Report Highlights
Variant Details	1	0 Therapies Available 0 Clinical Trials

Relevant Breast Cancer Variants

Gene	Finding
BRCA1	None detected
BRCA2	None detected

Relevant Biomarkers

No clinically significant biomarkers found in this sample.

Variant Details

DNA Sequence Variants								
Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar ¹	Coverage
BRCA2	p.(N289H)	c.865A>C	chr13:32906480	49.86%	NM_000059.3	missense	Benign	3995
BRCA2	p.(N372H)	c.1114A>C	chr13:32906729	50.85%	NM_000059.3	missense	Benign	4000

¹ Based on Clinvar version 20200329

Variant Details (continued)

DNA Sequence Variants (continued)

Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar ¹	Coverage
BRCA2	p.(S455=)	c.1365A>G	chr13:32906980	42.62%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(H743=)	c.2229T>C	chr13:32910721	50.35%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(N991D)	c.2971A>G	chr13:32911463	52.30%	NM_000059.3	missense	Benign	3124
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.86%	NM_000059.3	synonymous	Benign	3471
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	99.97%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.70%	NM_000059.3	missense	Benign	3997

¹ Based on Clinvar version 20200329