



Sample Information

Patient Name: 王雅芳  
Gender: Female  
ID No.: P223311912  
History No.: 39918326  
Age: 35

Ordering Doctor: DOC2332G 吳嘉澍  
Ordering REQ.: 0BWQVJA  
Signing in Date: 2022/06/23

Path No.: S111-99615  
MP No.: BR22038  
Assay: Oncomine BRCA1/2 Assay  
Sample Type: Blood  
Date of blood drawing: 2022/06/17

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

Note:

Sample Cancer Type: Breast Cancer

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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 <sup>1</sup>	Coverage
BRCA2	p.(N372H)	c.1114A>C	chr13:32906729	50.69%	NM_000059.3	missense	Benign	3993
BRCA2	p.(S1140=)	c.3420T>C	chr13:32911912	51.95%	NM_000059.3	synonymous	Benign	2916
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.92%	NM_000059.3	synonymous	Benign	2634
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	100.00%	NM_000059.3	synonymous	Benign	3996
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.88%	NM_000059.3	missense	Benign	3341
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	48.48%	NM_007294.4	missense	Benign	3993
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	49.10%	NM_007294.4	synonymous	Benign	4000

<sup>1</sup> Based on Clinvar version 20200329

## Variant Details (continued)

### DNA Sequence Variants (continued)

Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar <sup>1</sup>	Coverage
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	51.13%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	50.42%	NM_007294.4	missense	Benign	4000
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	47.24%	NM_007294.4	missense	Benign	3999
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	49.50%	NM_007294.4	synonymous	Benign	2824
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	48.45%	NM_007294.4	synonymous	Benign	4000

<sup>1</sup> Based on Clinvar version 20200329

## Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: