

SIR RUN RUN SHAW HOSPITAL, MEDICAL SCHOOL, ZHEJIANG UNIVERSITY

Zhejiang University School of Medicine Affiliated Sir Run Run Shaw Hospital

MOLECULAR PATHOLOGY DIAGNOSTIC CENTER

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GENE MUTATION DETECTION REPORT

Gene Mutation Detection Report Form

Molecular Accession No. (Molecular Pathology Number):

Name (姓名): Sex (性别): Female Age (年龄): 53 years Med.Rec.No. (病历号):

Pathological No. (病理号): Content of Tumor Cells % (Tumor Cell Proportion %): 50 %

Sample Type (标本类型): Puncture specimen paraffin section Sampling Date (Sampling Date): 2022-03-17

Date Requested (申请日期): 2022-03-23 Date Received (Date Received): 2022-03-24

Requested by (科室/医生/电话):

Clinical Diagnosis (Clinical Diagnosis): Hypertension

Pathological Diagnosis (Pathological Diagnosis): See Pathology Report

Result (Result): Detected S768I mutation on EGFR gene Exon - 20
Detected G719X mutation on EGFR gene Exon - 18

Testing Items	Exon/Codon	Mutation Type	Test Results
EGFR Gene	Exon-19	19-del	Wild Type
	Exon-21	L858R	Wild Type
	Exon-20	T790M	Wild Type
	Exon-20	20-ins	Wild Type
	Exon-20	S768I	Mutant Type
	Exon-18	G719X	Mutant Type
	Exon-21	L861Q	Wild Type
KRAS Gene	Exon-2	G12D/S	Wild Type
		G12A/V/R/C, G13C	Wild Type
BRAF Gene	Exon-15	V600E1/E2/K/R/D1/D2	Wild Type
NRAS Gene *	Exon-3	Q61R/K/L/H	Wild Type
HER2 Gene *	Exon-20	A775_G776insYVMA/M774_A775insAYVM	Wild Type
		/G776>VC/ P780_Y781insGSP/ G776>LC	Wild Type
MET Gene *	Exon-13	Exon-14	Wild Type
	Exon-15	Jumping Mutation	
PIK3CA Gene *	Exon-20	H1047R	Wild Type
	Exon-9	E545K	

Testing Items	Exon / Codon	Mutation Type	Test Results
ALK Fusion Gene	ALK-Exon-20	E13;A20, E6ins33;A20, E20;A20, E18;A20, E2;A20, E17;ins68A20, E2;ins117A20、 E13;ins69A20、E6;A20、E6;A19、 E6;ins18A20、E20;ins18A20、 E17del158;ins39A20、E17ins65;A20、 E17;ins30A20、E17ins61;ins34A20、 E3;ins53A20、KI24;A20、KI17;A20、KL9;A20、 T4;A20	Wild Type
ROS1 Fusion Gene	ROS1-Exon-32/34	SLC34A2 Exon-4/14、 CD74 Exon-6、SDC4 Exon-2/4 SLC34A2 Exon-4/14、EZR Exon-10、 CD74 Exon-6、SDC4 Exon-4	Wild Type
	ROS1-Exon-35	TPM3 Exon-8、 LRIG3 Exon-16、GOPC Exon-8	Wild Type
RET Fusion Gene *	RET-Exon-12	CCDC6 exon 1;RET exon 12 NCOA4 exon 6;RET exon 12 KIF5B exon 15;RET exon 12 KIF5B exon 16;RET exon 12 KIF5B exon 23;RET exon 12 KIF5B exon 22;RET exon 12	Wild Type

Note: * indicates that this mutation site in the reagent kit does not meet the clinical reagent kit registration requirements, and the results are for reference only.

Operator (Operator):

Reporter (Reporter):

Verifier (Verifier):

DateTime (Report Date): 2022-03-25

Instructions (Instructions):

1, Methods (Detection Methods): This reagent kit uses fluorescent quantitative PCR method (ADX-ARMS method) to detect mutations in human EGFR, ALK, ROS1, KRAS, and BRAF genes in patient tissue DNA/RNA samples. Mutations outside this detection range cannot be detected or do not meet the clinical reagent kit registration requirements; results are for reference only. If the tumor cell content in the detected sample is below 5%, it may affect the accuracy of the detection results.

2, Reagents: 5 types of mutation gene detection kits (Xiamen Aide Biological Pharmaceutical Technology Co., Ltd.).

3, Analysis Instrument: SLAN-96S (Macro Stone, China).

Annotation (附注): Molecular Pathological Diagnosis must combine the clinical and surgical pathological diagnosis. This report is valid only for the checked tissue. Any questions, please contact us!

(Molecular pathology diagnosis must be interpreted in conjunction with clinical and routine pathological findings. This report is only valid for the submitted tissue sample. If you have any questions, please contact us in a timely manner.)

Address: 3 East Qingchun Road, Hangzhou, Zhejiang, 310016

Tel: 0571-86002270



MOLECULAR PATHOLOGY REPORT

Patient Name:

Med. Rec. No.: