



# CML BCR-ABL(P210/P190)

BCR ABL p210/p190 digital PCR one-tube quant test

CE-IVD

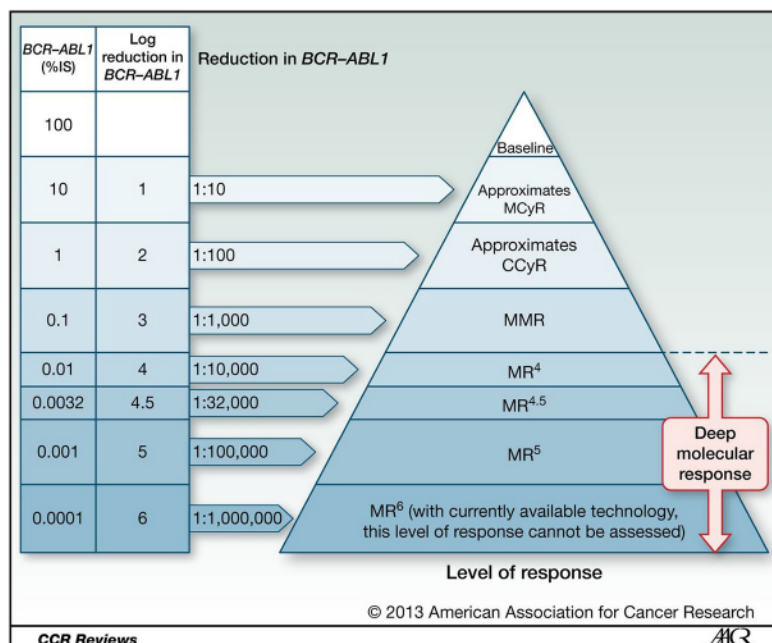
**RainSure**  
SCIENTIFIC

# About Leukemia\_CML

Chronic myelogenous leukemia (CML) is a malignant disease of hematopoietic stem cells characterized by myeloid proliferation. It is also called chronic myeloid leukemia (CML). The annual incidence of CML worldwide is (1-2)/100,000, accounting for 15%-20% of all adult leukemias.

Chronic myeloid leukemia (CML) has a mature program from disease diagnosis to treatment and efficacy monitoring. **TKI treatment has increased the 10-year survival rate of CML patients to 85% to 90%.** Patients not only pursue major molecular response (MMR), but also emphasize early molecular response (EMR) and stable deep molecular response (DMR).

Clinical practice shows that molecular response evaluation of CML patients can be achieved by monitoring minimal residual disease (MRD) at the molecular level. Therefore, standardized molecular MRD monitoring of CML patients is crucial to evaluate whether the best treatment effect is achieved. MRD detection at the appropriate time point has become a routine method in the treatment of CML.



# Elevate your Chronic Myeloid Leukemia monitoring with the Rainsure's BCR-ABL %IS Kit



## Absolute Quantification

No standard calibration curve required. Direct quantification of Molecular

## High Sensitivity

Measure MR value down to MR 5.0 level

## Simple Workflow

Automatic digital PCR system without complex manual operation

## Standardized Interpreted Output

Direct reporting on the International Scale (%IS) and Molecular Response (MR) Values

20000+

20,000 Available drop-lets can be achieved stably

0.001%

The assay reportable range of linearity is from MR 0.3 (50%IS) to MR 5.0 (0.001%IS)



E-mail

[overseas-sales@rainsurebio.com](mailto:overseas-sales@rainsurebio.com)

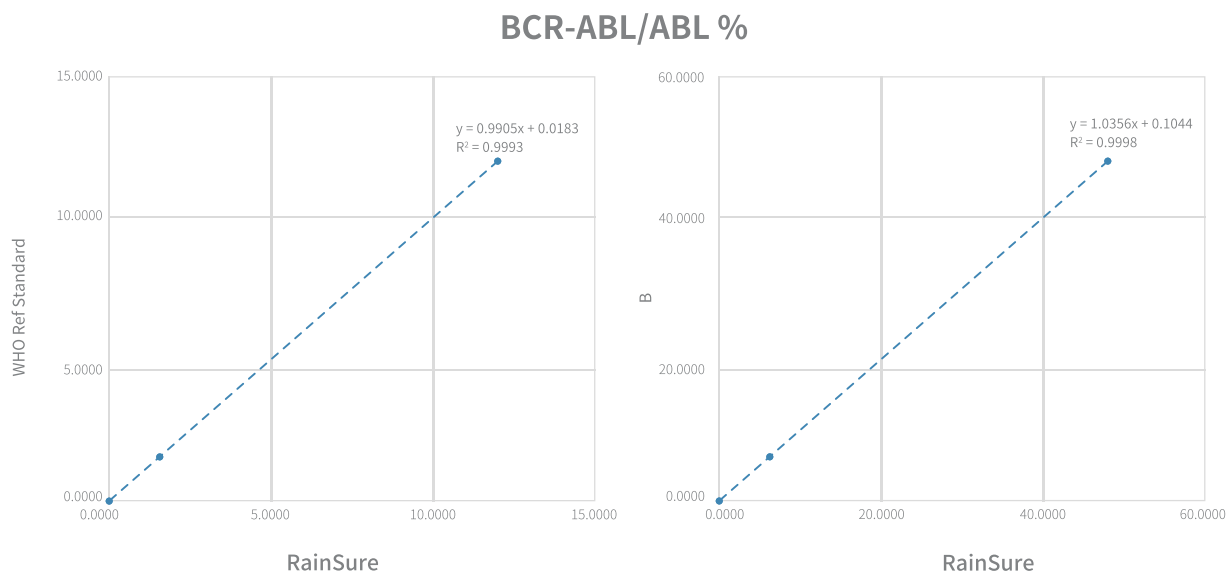


Phone

+86-512-67503398 /+86-15189171627

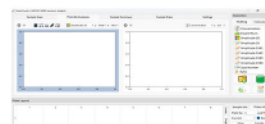
**RainSure**  
SCIENTIFIC

# Performance



Sample Number	RainSure dPCR BCR-ABL Copy Number (copies/uL)	RainSure dPCR ABL Copy Number (copies/uL)	RainSure dPCR Mutation Ratio (%)	RT-PCR BCR-ABL Copy Number	RT-PCR ABL Copy Number	RT-PCR Mutation Ratio
M20-29208	10.16	170720	0.00595	0	302000	0
M20-28822	1.84	397600	0.00046	0	526000	0
M2020106	35360.00	505120	7.00032	212000	923000	22.965
M202011246	493520.00	714080	69.11270	1360000	757000	179.000
M2021-00470	1.84	388720	0.00047	0	250000	0

- | RainSure BCR-ABL Fusion Gene Detection Kit shows concordance with WHO reference standard and platform B**
- | RainSure BCR-ABL Fusion Gene Detection Kit shows higher precision and sensitivity compared to RT-PCR BCR-ABL kit**



Set up  
reaction

Load cartridge

Droplet genera-  
tion and PCR

Data  
collection

Analysis

## Ordering Information

3.02.03.0001	BCR ABL p210/p190 digital PCR one-tube quant test	24rxn
3.04.01.4004	Digital PCR cartridge	12 pcs
3.04.01.4005	Digital PCR cartridge sealing cover	12 pcs
3.02.01.4063	Generation Oil for probes	24rxn
3.04.01.4003	Heating transfer film	12 pcs

### Required system

PCR Amplifying Apparatus	1 unit
Model: SG8-3000/SG-2000/SG32-3000	
Biochip Scanner	1 unit
Model: DScanner4-1000/DScanner5-1000	
All-in-one System	1 unit
Model: RS32	

 **Email Us**

[overseas-sales@rainsurebio.com](mailto:overseas-sales@rainsurebio.com)

 **Phone Us**

Call Now For Service!

+86-51267503398

 **Find Us**

218 Sangtian Street, BioBay II,  
Building 1, 202, Suzhou Industrial  
Park, Suzhou China

**RainSure**  
S C I E N T I F I C