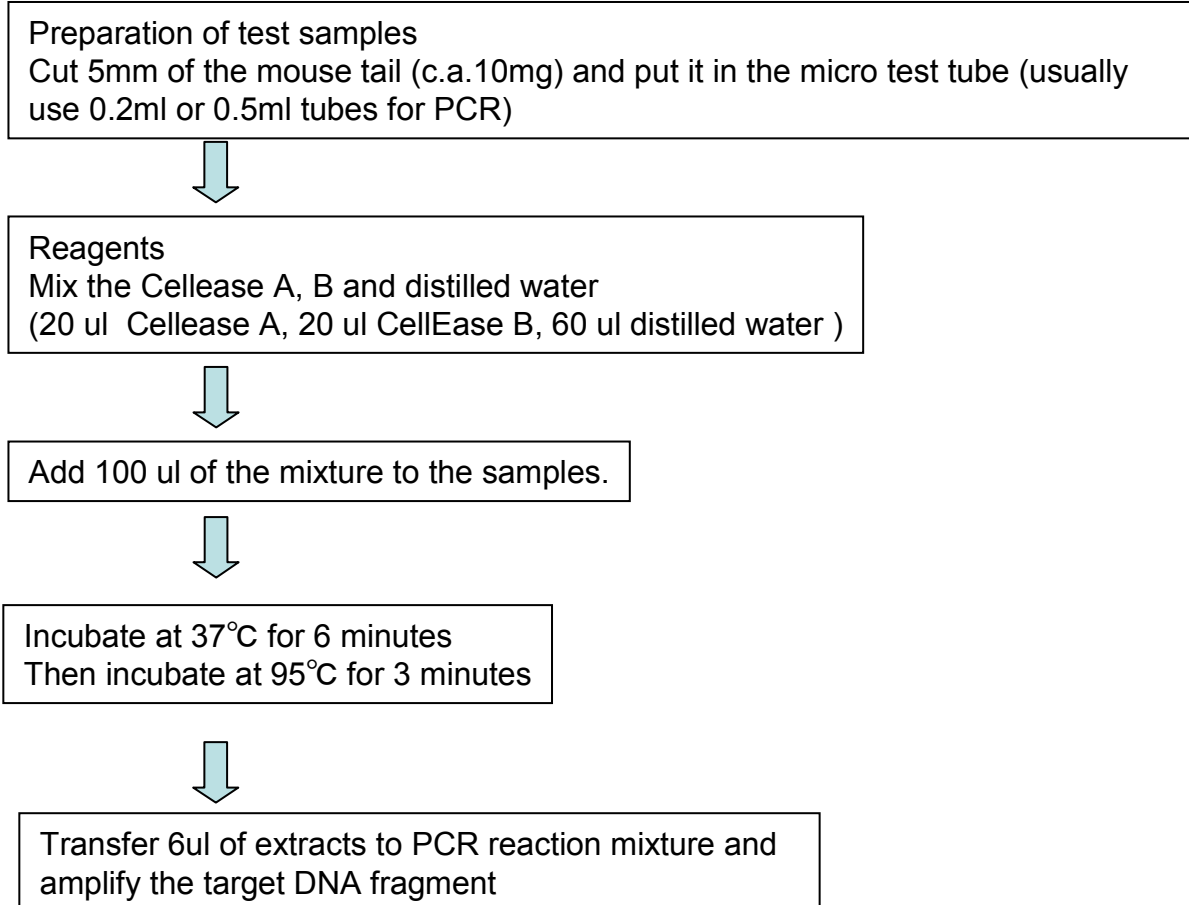


## DNA extraction from Tissue (mouse tail)

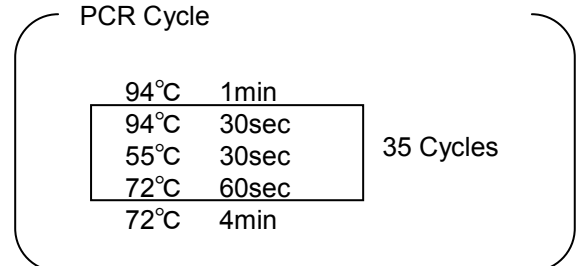


PCR

6.0ul Test sample  
 5.0 ul × 10 buffer (+Mg<sup>2+</sup>)  
 5.0 ul dNTPs  
 1.0 ul Forward Primer (10pmol/ul)  
 1.0 ul Reverse Primer (10pmol/ul)  
 0.5 ul Ex Taq (5 U/ul)

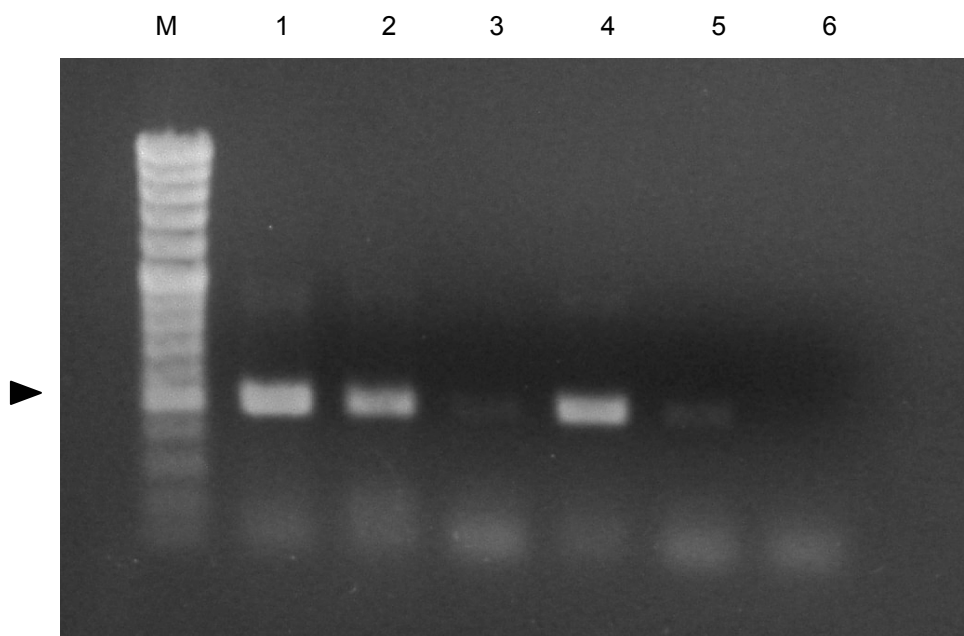
Fill up to 50 ul by distilled water

PCR Cycle



Primers: Mouse β-globin gene ( 494bp)

## <Comparison with conventional CellEase kit >



M	Marker (100bp ladder)	
1	DNA extract by using CellEase Tissue II	conc.
2		× 10
3		× 100
4	DNA extract by using conventional CellEase	conc.
5		× 10
6		× 100

※ The protocol of conventional CellEase and CellEase II kit were followed by the instruction manual respectively.

※ The thickness of the DNA bands were depending upon the amount of test samples and a parts of tissue including bone, skin or fat.

The clear DNA bands were detected from more than × 10 dilution of DNA extracts by using CellEase Tissue II



Biocosm Inc.  
SBI 320, 4-2-7 Shimaya Konohana-Ku  
Osaka City, Japan  
TEL : 06-4307-3207  
FAX : 06-4307-3226  
e-mail : info@biocosm.co.jp  
URL : http://www.biocosm.co.jp/