

## PCR FOR TNF-alpha TRANSGENIC MICE (Tg 197&Tg3647)

### PCR REACTION:

10X PCR buffer	2 $\mu$ l
MgCl <sub>2</sub>	1,2 $\mu$ l
dNTP's	1 $\mu$ l
primer A	5 pmol per reaction
primer B	5 pmol per reaction
Taq	0,4 $\mu$ l
DNA	1 $\mu$ l
dd.H <sub>2</sub> O	up to 20 $\lambda$

Primer A(sense): 5`-TAC-CCC-CTC-CTT-CAG-ACA-CC-3`

position in relating gene: (HS-TNFA), 6124-6143

Primer B(antisense): 5`-GCC-CTT-CAT-AAT-ATC-CCC-CA-3`

position in relating gene: (HS- $\beta$ -globin), 3' untranslated region

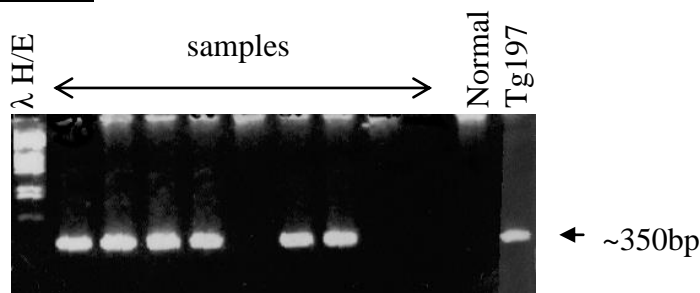
### PCR CONDITIONS:

1. 94C for 5 min.
2. 94C for 1 min.
3. 58C for 1 min.
4. 72C for 1 min.
5. Steps 2-4 for 25 more cycles
6. 72C for 5 min.
7. 20C for 1 min.
8. End

### PCR PRODUCT:

Band at ~350 bp.

### EXAMPLE:



## PROBE FOR SLOT BLOT

The hTNF/ $\beta$  globin recombinant gene construct [EMBO J.Vol10 No13,4025-4031 (1991)]

### TRANSGENE

