

**AR PCR PROTOCOL**Oligonucleotide Sequence: 5'  $\diamond$  3'

(188) M $\beta$ Cx7 For	GATGTGCTCCAGGCTAAAGTT
(189) M $\beta$ Cx7 Rev	AGAAACGGAATGTTGTGGAGT
(146) PB+1/+28 For	CTTGTCAGTGAGGTCCAGATACCTACAG
(451) HA-AR Rev	ATCCGGCACATCATAAGGGTATCCCATG

PCR Mix:

Component	Volume ( $\mu$ L)
Tail DNA	1.00
10x Taq Buffer	5.00
10 mM dNTP Mix	1.00
25 mM MgCl	6.00
MbCx7 For	1.25
MbCx7 Rev	1.25
PB+1/+28 For	1.25
HA-AR rev	1.25
Taq Polymerase	0.50
ddH <sub>2</sub> O	31.50
Total	50.00

Thermocycler Profile: 24

94 C for 1 min (initial cycle only)

94 C for 1 min

60 C for 2 min

72 C for 1 min

----- $\diamond$  x 30 Cycles

72 C for 8 min

4 C End

AR PCR Screening

Gel Analysis:

1% agarose gel  
15 $\mu$ l per lane

Expected Results:

M $\beta$ Casein Cntrl      500 bp