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# Product datasheet for HP227909

## Prostate Specific Antigen (KLK3) Human qPCR Primer Pair (NM_001648)

## Product data:

| | |
|---|---|
| **Product Type:** | qPCR Primer Pairs |
| **Gene ID:** | 354 |
| **Forward Sequence:** | CGCAAGTTCACCCTCAGAAGGT |
| **Reverse Sequence:** | GACGTGATACCTTGAAGCACACC |
| **ACCN:** | NM_001648, NM_001648.1, NM_001648.2, BC005307, BC005307.1, BC050595, BC056665, BF679511, BQ932072, BT019862 |
| **UniProt ID:** | P07288 |
| **Synonyms:** | APS; hK3; KLK2A1; PSA |
| **Components:** | 1 vial of lyophilized qSTAR qPCR primer mix (1 nmol each primer, sufficient for 200 reactions). Before use, reconstitute the primer mix in 200 µl dH2O to make a final concentration of 10 µM. |
| **Quality Control:** | The primer mix has been tested to generate satisfactory qPCR data on ABI 7900HT by using the following PCR program: Stage 1: Activation: 50 °C for 2 min; Stage 2: pre-soak:95 °C for 10 min; Stage 3: Denaturation: 95 °C for 15 sec, Annealing: 60°C for 1 min; Stage 4: Melting curve: 95°C for 15 sec, 60°C for 15 sec, 95°C for 15 sec. |
| **Storage:** | Store at -20°C. |
| **Stability:** | The primer mix is stable for one year from date of shipping. |

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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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