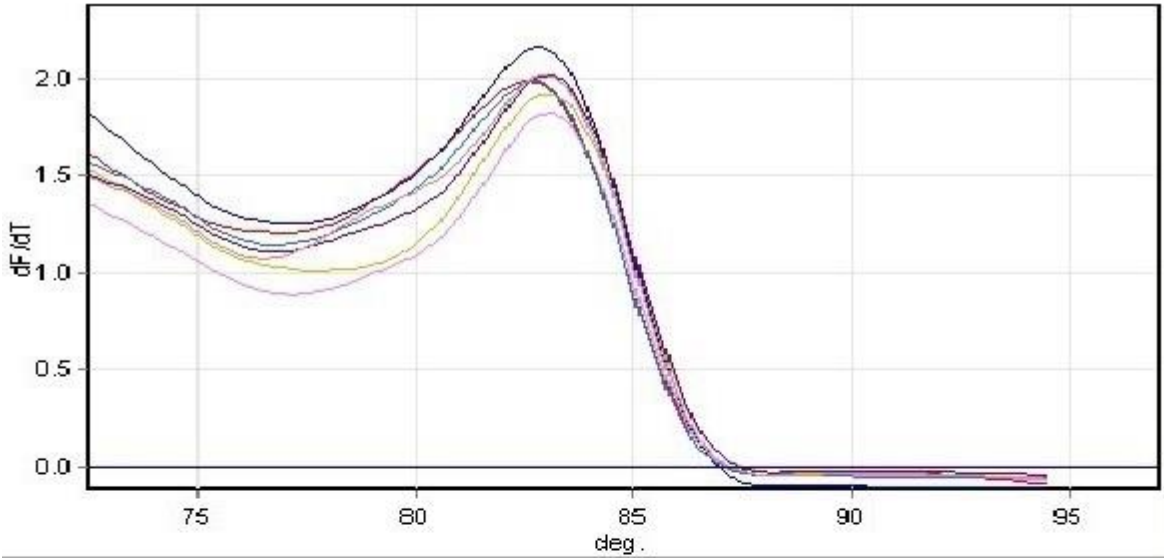
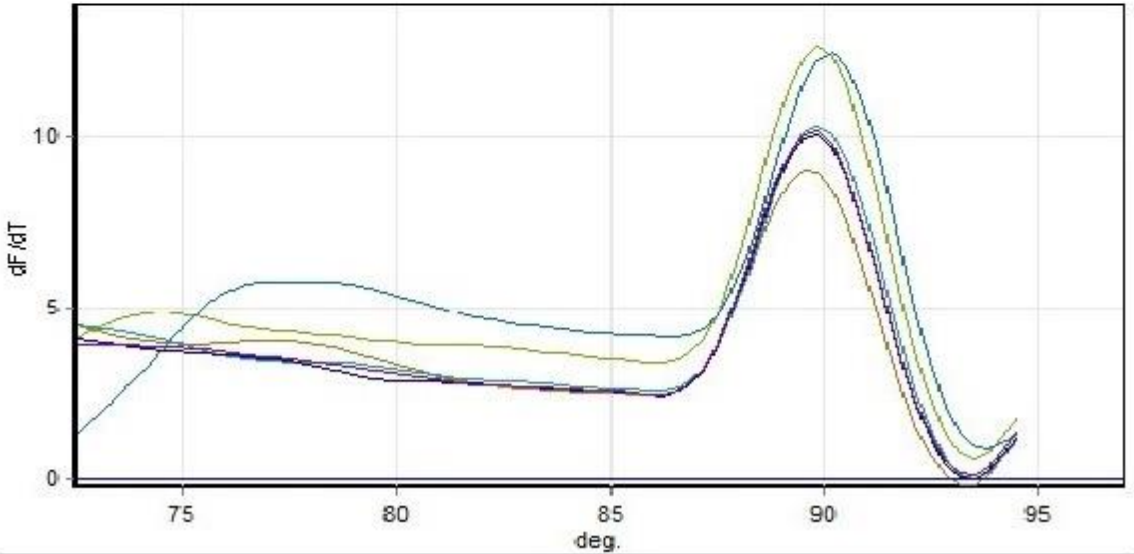


Melting Curves for hTERT (A) and Beta actin (B) in Real Time PCR for assessment of Inhibitory effects of helenalin on expression levels of hTERT in T47D breast cancer cells.

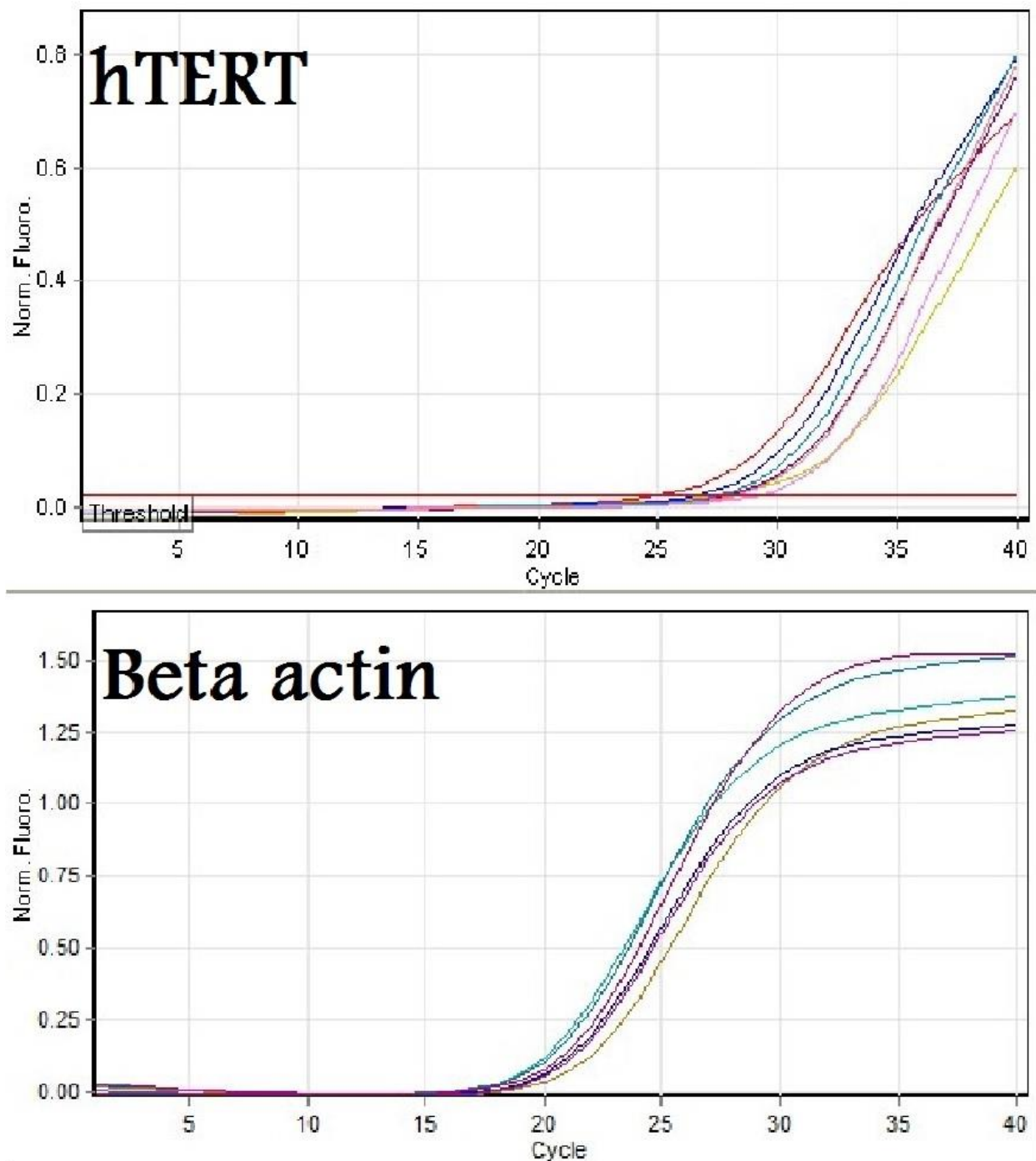


**A**



**B**

hTERT and Beta actin Standard Ct Curves in Real Time PCR for assessment of Inhibitory effects of helenalin on expression levels of hTERT in T47D breast cancer cells.



Measurement of hTERT mRNA Level in samples with  $\Delta Ct$ .

<b>Time of treatment</b>	<b>24h</b>	<b>48h</b>	<b>72h</b>	<b>Control cell</b>
<b>Sample Ct</b>	25.06	27.74	27.52	28.4
<b>Internal control Ct</b>	13.92	17.26	18.25	11.06
<b>(<math>\Delta Ct</math>)</b>	11.14	10.48	9.27	17.34
<b>2- <math>\Delta\Delta Ct</math></b>	0.0136	0.0086	0.0037	1.00