

RNA Analyses to Study Dry Eye Disease





Key Terms

Dry Eye Disease



Symptoms





Purpose

Materials



Methodology

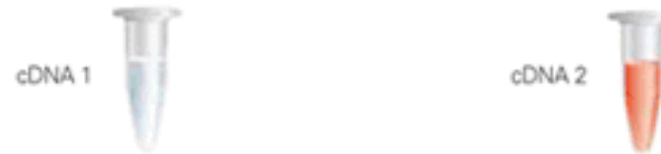


Results



Further Procedure: Micro array

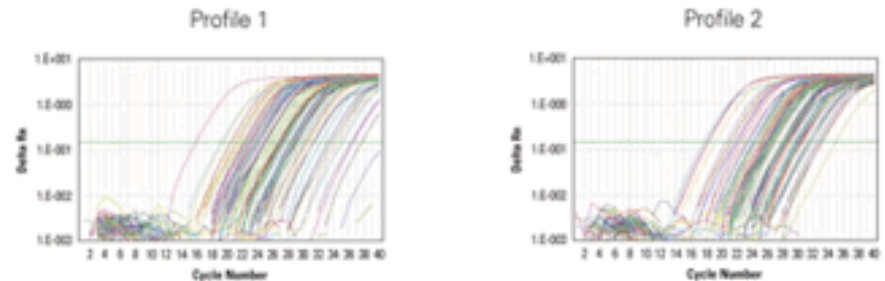
1. Convert Total RNA to cDNA.



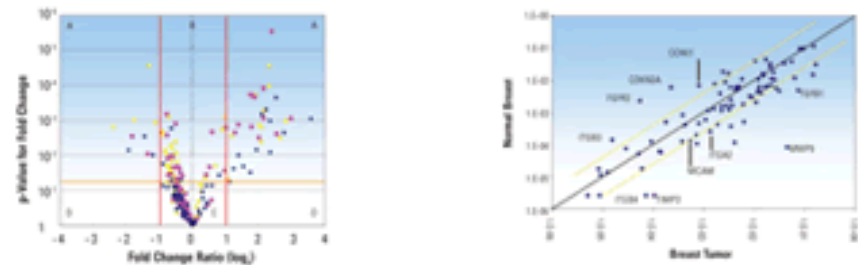
2. Add cDNA to RT² qPCR Master Mix & Aliquot Mixture Across PCR Array.



3. Run in Your Real-Time PCR Instrument.



4. Data Analysis.



Benefits



Lab Tips



References

 <http://www.sabiosciences.com/ArrayList.php?application=CYTOKI>

 http://www.sabiosciences.com/rt_pcr_product/HTML/PAHS-011A.html

 <http://www.pgheyes.com/images/dryeye1.gif>

 <http://www.lowvision.com/wp-content/uploads/dry-eye.png>

 <http://www.healthywomen.org/healthtopics/dryeyesyndrome>

 [http://my.clevelandclinic.org/symptoms/Inflammation/
hic_Inflammation_What_You_Need_To_Know.aspx](http://my.clevelandclinic.org/symptoms/Inflammation/
hic_Inflammation_What_You_Need_To_Know.aspx)

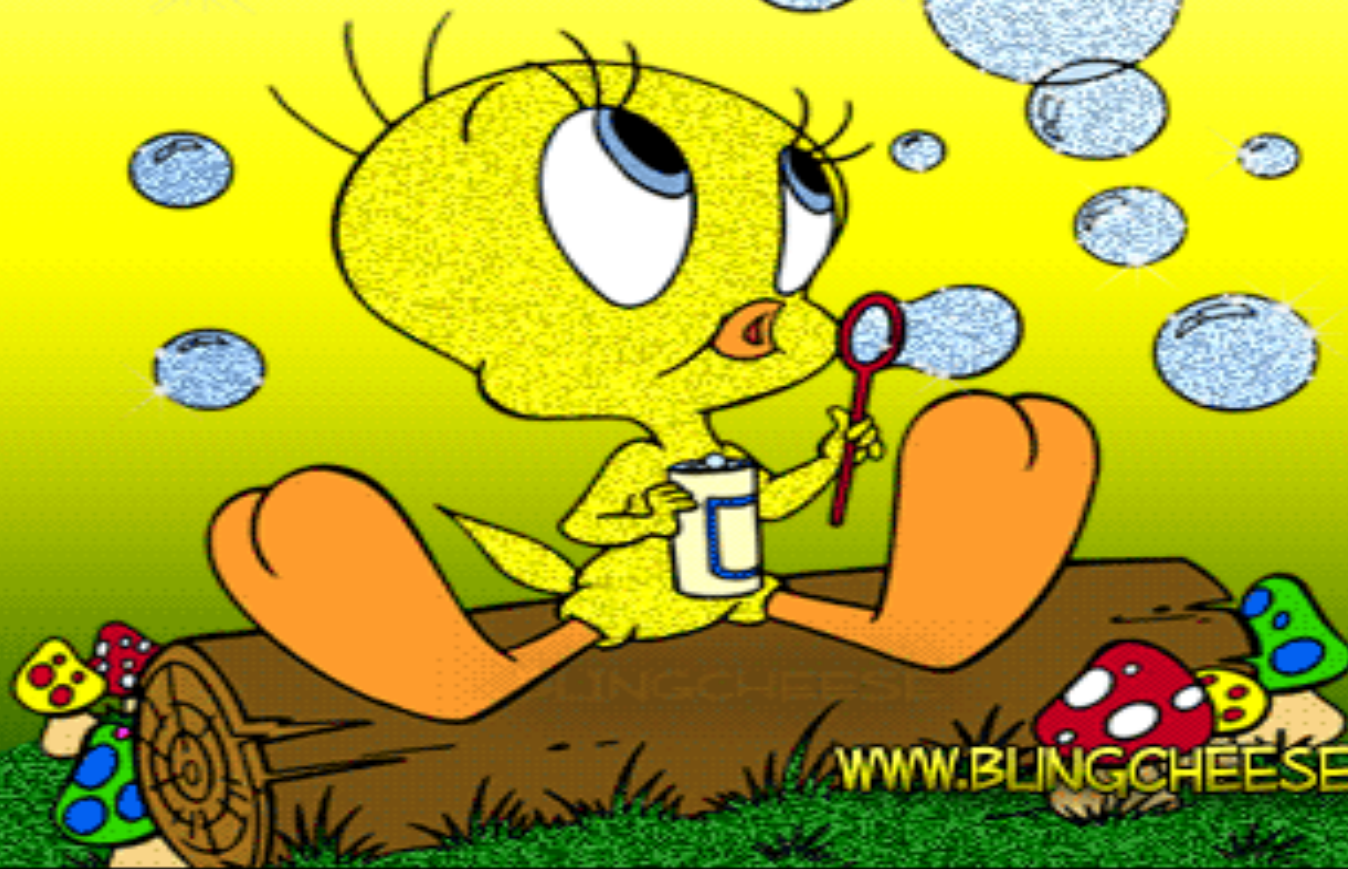
 <http://www.dnalc.org/ddnalc/resources/pcr.html>

 <http://www.web-books.com/MoBio/Free/Ch4J1.htm>

Acknowledgements



THANK YOU!



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