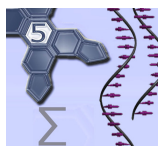




PentaBase offers Real-time PCR service

PentaBase offers five different service levels in order help you to develop and optimise your assays. The five different service levels are described below. Prices start at €0:

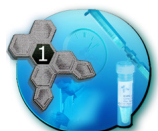
Tooligo



Tooligo is our online design and ordering tool. Tooligo is a free and easy programme to use and you can do all your designing and ordering here. Features include melting temperature predictions, BLAST searches, mfold, Inosine calculations and much more.

All you have to do is to register (free) on our homepage www.pentabase.com and login. You do not need to purchase anything, but if you decide to, ordering and re-ordering are made easy. Calculate the features by adding pentabases in your sequence. The progress of your orders can be followed online.

Level 1 IMPROVE EXISTING ASSAY—CHANGE OF TECHNOLOGY



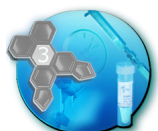
We convert your TaqMan[®], TaqMan[®]MGB, Molecular Beacon or similar designs into the corresponding HydrolEasy[™] probe or EasyBeacon[™] respectively. We also convert your DNA primers into SuPrimers[™]. Free of charge.

Level 2 PRIMER AND PROBE DESIGN—ONE SEQUENCE



PentaBase offer its expert knowledge and experience in designing primers and probes for your target gene. Prices starting at: €325

Level 3 ALIGNMENT AND MULTIPLEX ASSAY



Do you have a challenging target like finding consensus sequences or discriminating between several genotypes. Please let PentaBase use their expert knowledge, experience and technologies to help you with your design. Prices starting at: €750

Level 4 ASSAY OPTIMIZATION—SATISFACTION GUARANTEED



Do you want a helping hand with optimizing your old or new assay to obtain a more sensitive or specific assay? Would you like to develop simplex or multiplex PCR — PentaBase offers an efficient solution. Prices starting at: €1000

Level 5 YOUR EXTERNAL EMPLOYEE



If you want to change the whole portfolio into using PentaBase's technologies you can hire your own PentaBase employee to optimize and develop your assays according to your own specifications.

Please visit our website www.pentabase.com to read more about our service offers, prices and the information and possible supplies needed.