



PACE[®] Assay Quick Ref. Guide

PACE[®] genotyping assays can be designed using our free assay design service available on the 3CR Bioscience website (www.3crbio.com/free-assay-design). The table below shows how to assemble a PACE genotyping assay mix from the constituent primers.

Primer	Final concentration (μM)	Vol required for 100μl assay mix (μL)
Allele-specific primer 1 – FAM (100 μM)	12	12
Allele-specific primer 2 – HEX (100 μM)	12	12
Common, reverse primer (100 μM)	30	30
PCR grade water	-	46
Total	-	100

Once the PACE[®] genotyping assay mix is assembled, it should be used in the final PACE[®] total reaction mix at a 72x concentration.

For guidance on how to assemble the total reaction mix, please refer to either the PACE[®] Master Mix User Guide or the PACE[®] Quick Reference Guide (available online at <https://3crbio.com/page/3cr-pace-genotyping-mastermix>).