

A3.6 Polymerase Chain Reaction (PCR) Position Statements

A. 2000 – 2002 Position Statements

1. Initial Position Statement

This chapter was designed to supplement references to molecular techniques referenced in earlier chapters. Included are general considerations for insuring that contamination does not occur and to insure the integrity of the assay. These general protocols that can be found in many general primers for PCR and are intended to provide background information for laboratories that are just setting up PCR diagnostics.

B. 2002 – 2003 Position Statements

No changes or review requested.

C. 2003 – 2004 Position Statements

The committee agreed to a suggestion to provide a comprehensive table outlining all of the PCR protocols.

The virology subcommittee contributed a new section to the PCR chapter. The paper used as the source of the LMBC PCR method also included an option to use Uracil N-glycosylase (UNG) and dUPT to reduce carry-over contamination. The virology committee elected to include this method in the PCR chapter as an alternative that could be applied to PCR reaction in any laboratory where contamination is a problem, but felt that it was not reasonable to require UNG in all labs doing LMBV PCR.

D. 2006 – 2007 Position Statements

No changes or review requested.

E. 2008 – 2010 Position Statements

Updates were made to the PCR chapter to include information on quantitative PCR.

F. 2011-2012 Position Statements

No changes or review requested.

G. 2013 – 2014 Position Statements

No changes or reviews requested.