Title: RCPAQAP: Immunohistochemistry Breast Marker Audit Overview

Authors: Zenobia Haffajee, Beena Kumar, Martyn Peck

Royal College of Pathologists of Australasia Quality Assurance Program (RCPAQAP), Anatomical Pathology, St Leonards, Sydney, Australia

Abstract: RCPAQAP Anatomical Pathology provides a comprehensive external quality assurance module is to review the reporting of immunohistochemistry (IHC) and in-situ hybridization (ISH) breast markers through an audit of clinical results.

This exercise is designed to assist participants in assessing the quality of Oestrogen, Progesterone and HER2 receptors reporting within their laboratory. This is an important quality assurance activity established in response to ongoing difficulties experienced by laboratories in this area of testing.

Participants are asked to submit the ER, PR and HER2 status for each incidence of primary early invasive breast carcinoma (not stage 4 disease), irrespective of type and grade during the period of a year, up to a maximum of 100 cases. RCPAQAP assess Participants’ performance in the breast marker audit according to the criteria provided as either Concordant, Minor discordant, Discordant or Unable to be assessed.

This overview will provide a summary of data collated over a period of 10 years.