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(71) Applicant *(for all designated States except US)*: **PICTOR LIMITED** [NZ/NZ]; 63 Mount Taylor Drive, Glendowie, Auckland (NZ).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **KUMBLE, Sarita** [US/NZ]; 63 Mount Taylor Drive, Glendowie, Auckland (NZ).

(74) Agent: **HAILE, Lisa, A.**; Dla Piper US LLP, 4365 Executive Drive, Suite 1100, San Diego, CA 92121-2133 (US).

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(54) Title: ASSAY MEMBRANE AND METHOD OF USE THEREOF

(57) Abstract: The present invention provides a microporous membrane for detecting at least one target analyte in a sample. The membrane includes an array that comprises at least one capture element and the at least one control element printed on the membrane surface, the at least one capture element corresponding to and being able to bind a target analyte, the plurality of control elements, when present including: i) at least one fiduciary marker, ii) at least one negative control to monitor background signal, iii) at least one negative control to monitor assay specificity, iv) at least one positive colorimetric control, v) at least one positive control to monitor assay performance or any combination thereof.