

Approved by Director: Dr. Guy Vallaro

Qiagen Post-Amp Columns

Isopropyl wipe: 1 pipettor (p20), 1.5mL rack(s)

Set up Columns: 1 column for every tube cycle-sequenced

Gently vortex columns to remove bubbles

Place the appropriate number of wash tubes and 1.5mL collection tubes into the rack(s)

Label the collection tubes with sample name and primer

Spin through Water: Loosen top cap of columns and twist off bottoms and place into waste tubes

Place waste tubes into centrifuge and spin at ~750g (2900 rpm) for 3 minutes

Remove columns from waste tubes and place into appropriate labeled collection tubes

Discard waste tubes into biohazard bucket

Spin through Product: Remove the entire reaction mix (~20µL) from each 0.2mL tube and carefully load onto the top center of gel column

*Do not disturb the column, and make sure to center the reaction mix

Place the collection tubes with columns into a centrifuge for 3 minutes at ~750g (2900 rpm)

Discard the columns into a biohazard bucket

Move the collection tubes to the heated vacuum centrifuge

Spin for ~20 minutes or until dry

*Dried samples can be stored for ~1 week at -20°C