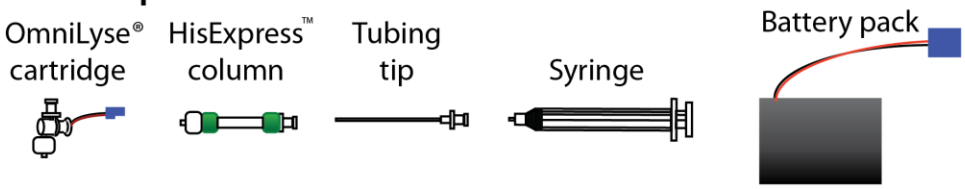
ClaremontBio Solutions

MAKING THE EXTRACTION OF DNA EASY™

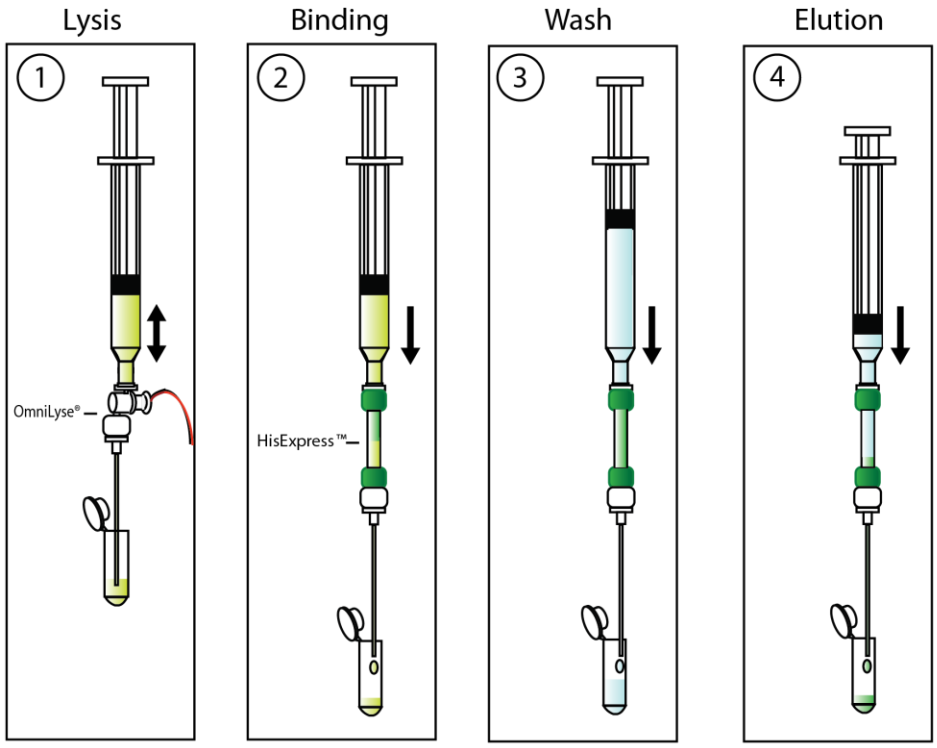
# HisExpress™ Purification Protocol for Native His-tagged Proteins from *E. coli* Cells

(For research use only)

## HisExpress Kit components




## Symplified Protocol




1. Using the syringe and tubing tip, pre-equilibrate the OmniLyse® cartridge and HisExpress™ column with 1 mL of Binding Buffer each. Take a cell pellet (from up to 20 mL of *E. coli* culture) and resuspend in 1 mL of Binding Buffer. Attach tubing tip and syringe to OmniLyse® cartridge. Plug the OmniLyse® cartridge blue plug into socket on battery pack. Draw the sample into cartridge displacing air. Turn on the battery pack and draw the remaining sample through the cartridge. Reverse direction, dispensing the sample back through the cartridge into the original sample container. Continue drawing and dispensing the sample for 3 minutes, then, turn off the battery pack and withdraw the entire sample into syringe.

2. Attach the syringe to the HisExpress™ column and dispense the lysate through the column collecting the lysate flow-through in a 1.5 mL microfuge tube. Save for analysis or discard.

3. Attach a syringe containing 3 mL of Wash Buffer and dispense it through the column. Save for analysis or discard.

4. Attach syringe containing 1 mL of Elution Buffer and dispense through the column collecting desired sized fractions.

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Product use restrictions:
OmniLyse® cartridges and HisExpress™ columns were developed are sold for research purposes only and are suitable for *in vitro* applications only.

Limited Use Label License: Claremont BioSolutions LLC

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