

## SUPPLEMENTAL TECHNICAL BULLETIN ST – 2009 – 03

**Title:** BioHit Pipettor Setup for the PAP-8E

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This Supplemental Technical Bulletin (ST) has been developed as a laboratory aid. This ST does not alter, revise or change the information provided in the Technical Bulletin included with each product. In accordance with Good Laboratory Practice and regulatory requirements, each laboratory must develop, validate and adopt its own written procedures.

### BioHit 10 – 300 $\mu$ L Pipettor Setup for the PAP-8E

Reproducible and effective pipetting is important to accurate test results. The BioHit Pipettor provided with the PAP-8E is programmable for this reason. The basic settings that may be programmed are for the volume and the rate pick up and dispense rate.

The PAP-8E application requires the dispense volume and rate to be programmed. The key is to use the best speeds for efficient operation, but not to cause splashing which will affect the final volumes and test accuracy. The **pick up rate** is usually set at the maximum speed of **4-5**. The suggested rates for the various test types, samples and reagents are:

Dispense Action	Aggregation	vW Testing
Sample	3	1
Reagent	5	2-3

#### PAP-8E Quick Programming Guide:

You can program up to 6 volumes on the BioHit electronic Pipettor 10 - 300 $\mu$ L.

1. Set to (pipet P) by pressing "SELECT"
2. Press "ENTER"
3. With center (up and down) set the volume to (10 – 300  $\mu$ L)
4. Press "SELECT" set speed "UP"
5. Press "SELECT" set speed "DOWN"
6. Press "SELECT" one time

7. Press simultaneously "SELECT and "ENTER" (see prog P) with (center UP or DOWN set program to position from 1 to 6)
8. Press "ENTER" done

Repeat for remaining volumes that you want to program

Program Position	1	2	3	4	5	6
Volume $\mu$ L	250	225	025	200	025	125

When reordering pipette tips, use the following:

C/N 106612 – Pipette tips 300 $\mu$ L – Initial order, includes one tray and storage tower box.

C/N106554 – Pipette tips 300 $\mu$ L – tower refills

Note: the pipette trays will have a yellow platform