Cell counting using the Beckman Z2 Cell Counter

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Abstract

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Protocol

Step 1.

The cell counting settings should be the following:

- Dilution factor: 200
- Count Sizes between 3.5um – 13.5um

Step 2.

Fill a clean cuvette with 10ml hemasol and use it to flush the aperture if the count greater than 35,000

Step 3.

With a cuvette containing 10ml hemasol in the machine, count a blank sample

Step 4.

pipet 50ul of culture into cuvette with 10ml hemasol and start the counter with the desired size range

Step 5.

Immediately rinse all cuvettes with water in the sink and place them out to dry on the drying racks on the diapers