Cell fixation for processing for analysis by transmission electron microscopy

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Abstract

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Protocol

Step 1.

Wash monolayer with Phosphate-buffered saline (PBSx1) for 3 times.

Step 2.

Add enough trypsin to cover monolayer.

Step 3.

Incubate at 28ºC for 3 minutes.

Step 4.

Add enough fetal bovine serum (FBS) to cover the monolayer in order to inhibit trypsinization process.

Step 5.

Remove excess of FBS.

Step 6.

Dislodge cells from plastic substrate by slapping the side of the flask with the heel of your hand a few times.

Step 7.

Aliquot cells in microcentrifuge tubes containing 500 µl of glutaraldehyde 1% diluted in sodium cacodylate buffer 0,2M.