DCTD Division of Cancer
Treatment and Diagnosis

Poly(ADP-ribose) (PAR) Immunoassay
Frequently Asked Questions

SOP340503   **PBMC COLLECTION, HANDLING, AND FREEZING FOR PROTEIN EXTRACTION**

SOP340505   **PAR IMMUNOASSAY**

SOP340506   **PBMC PROTEIN EXTRACTION FOR PAR IMMUNOASSAY**

1. *Why is cell number rather than protein level used to normalize the PAR levels in PBMCs?*

    Contamination of serum proteins can lead to artificially high protein values because albumin cannot be consistently removed. Therefore, for PBMCs, the cell count is used for normalization.

SOP340507   **TUMOR FROZEN NEEDLE BIOPSY COLLECTION AND HANDLING**

SOP340520   **BIOPSY SPECIMEN PROCESSING FOR PAR IMMUNOASSAY**

SOP340521   **PBMC SPECIMEN PROCESSING**

1. *Why is this SOP no longer available on the DCTD Biomarkers Web site (7/24/2009)?*

    SOP340521 – PBMC Specimen Processing for PAR Immunoassay, was been separated into 2 SOPs in 2009; SOP340503 outlines PBMC collection and handling, and SOP340506 outlines protein extraction from the prepared PBMCs.

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