A picture containing text, clipart

Description automatically generatedDate: {{DTR}} Sample ID Number: {{ID}}

Tumor Average Size in cm: {{TSize}}

Average Tumor cell size in microns: {{TSizeM}}

Percent stroma in sections: {{PStroma}}

Percent stromal cellularity: {{PSC}}

Estimated DNA Extraction efficiency: {{EE}} %.

Estimated Number of Tumor Cells, if lesion 100% tumor cells: {{ENTC}}

If “volume” of TIS is removed, number of Tumor Cells in lesion: {{SCTC}}

Estimated amount of Tumor DNA (TIS-TCF) for the entire lesion: {{TPDNA}} pg.

Tumor DNA (“ENHANCED FOR TUMOR”), in 100um thick sample: {{CDNA}} pg.

Stromal DNA (non-tumor cell) in a 100um thick sample: {{CSDNA}} pg.

Compensated for extraction efficiency (all cells in sample TCF+TIS): {{CCEE}} pg.

100 um, with TIS, EE compensated: DNA: {{CNEEE}} pg. / {{SING}} ng.

Estimated Number of 10 um thick sections, Enhanced for tumor (TIS excised), required to assure at least   
100ng of Tumor Cell DNA: [ **{{sgDNA}}** ] sections.

Definitions: TCF=Tumor Cell Field, TIS=Tumor Induced Stroma, EE=Extraction Efficiency.