

Phenobarbital/ β -naphthoflavone induced S9 - Postmitochondrial Supernatant, lyophilized

Art. No.: PRS-PB02, PRS-PB01 Lot No.:
 Storage: -20/-80°C Date of Expiry:
 Tissue: Liver Origin: Male Wistar Rat Protein (Lowry et al): 30.7 mg/ml
 Sterility: Suitable for Ames MPF/Ames II/Ames Agar Plate tests

Quality Control Data - Ames MPF Assay in presence of 4.5 % S9 concentration

Number of Revertants/48 wells: 2-Aminoanthracene without S9 Booster solution

Strain	Exposure time	0	0.25	0.5	1.0	2.0	$\mu\text{g/ml}$
TA98	90 minutes	2.0	46.0	48.0	48.0	48.0	

Number of Revertants/48 wells: 2-Aminoanthracene with S9 Booster solution

Strain	Exposure time	0	0.625	1.25	2.5	5.0	$\mu\text{g/ml}$
TA100	90 minutes	6.0	48.0	48.0	48.0	48.0	
TA1535	90 minutes	1.8	19.7	33.3	40.7	38.7	
TA1537	90 minutes	1.5	14.7	22.7	28.3	31.3	
TAMix	90 minutes	1.3	37.7	44.3	47.7	47.3	

Number of Revertants/48 wells: 2-Aminofluorene without Booster solution

Strain	Exposure time	0	50	100	200	400	ng/ml
EC Combo	90 minutes	6.8	6.3	12.0	14.0	36.3	
EC uvrApKM101	90 minutes	4.0	33.7	42.3	40.0	33.0	

Number of Revertants/48 wells: Benzo(a)pyrene without S9 Booster solution

Strain	Exposure time	0	1.25	2.5	5.0	10.0	$\mu\text{g/ml}$
TA98	90 minutes	0.5	13.0	17.3	22.3	26.7	

Quality Control Department
Allschwil,