

NAVAL BLOOD RESEARCH LABORATORY
 BLOOD VOLUME WORKSHEET
 (51 CR)

DATE INSI _____

ARM6.970212.041

DATE 12/13/93
 NAME James Kim
 DONOR NUMBER _____ NBRL 93 00457 BLOOD TYPE _____
 AGE 24 SEX M HT 6'0" WT 91.5kg
 BODY SURFACE AREA 2.13

BLOOD VOLUME MEASUREMENT

ISOTOPE USED ⁵¹Cr LOT # RA05900C EXPIR DATE 10 Jan 94
 *TRANSFER OF BLOOD FROM SYRINGE TO ACID VIAL AG/SMC (TECH)
 *TRANSFER OF BLOOD FROM ACID VIAL TO INJ SYRINGE AG/SMC (TECH)
 VOLUME TRANSFUSED 10ml
 DOSE OF INJECTATE 8µCi

| TIME POINTS POST INFUSION | HCT | GAMMA CPM/ML | QC VALUES CPM/ML |
|------------------------------|------|--------------|---------------------|
| BKG | - | - | < 40 |
| PRE | 41 | 0 | BKG ± 20% |
| 10 MIN | 37 | 179 429 | |
| 20 MIN | 40 | 181 409 | |
| 30 MIN | 37 | 176 390 | |
| 40 MIN | 38.8 | | |
| unt MIN | 37.5 | | |

UNIT % UPTAKE(51 CR) 94.5 / 91.5

UNIT CPM/ML INJECTED 79539

30-80 X 10³

| | MEASURED | THEORETICAL |
|----------|----------|-------------|
| RCV (ML) | 2132 | 2178 |
| PV (ML) | 4010 | 3279 |
| TBV (ML) | 6172 | 5457 |

QUALITY CONTROL CHECK PRIOR TO INJECTION

DOSE OF INJECTATE 8µCi TIME DOSED 0940

SIGNATURE OF PERSON ISSUING SMALL ALIQUOT LABELLED CELLS

Albert George

MEDICAL OFFICER INJECTING SMALL ALIQUOT MUST SIGN BELOW AFTER CHECKING ALL INFORMATION IN BOLD

C. R. Volera

(MEDICAL OFFICER)

INJECTED AT 10:05 HRS IN THE (F) r/l) arm

*TECHNICIAN TRANSFERRING THE BLOOD MUST INITIAL

NAVAL BLOOD RESEARCH LABORATORY
 BLOOD VOLUME WORKSHEET
 (125 I)

DATE INSI

DATE 12/13/93
 NAME James Kain
 DONOR NUMBER 93 00457 NBRL BLOOD TYPE _____
 AGE 24 SEX M HT 6'0" WT 91.5 kg
 BODY SURFACE AREA _____ 103 cm²

BLOOD VOLUME MEASUREMENT

ISOTOPE USED ¹²⁵I Albumin LOT # 3523009 EXPIR DATE 6 Jan 94
 *TRANSFER OF ISOTOPE TO ACD VIAL AB (TECH)
 *TRANSFER OF 125I/SALINE FROM ACD VIAL TO INJ SYRINGE AB (TECH)

VOLUME TRANSFUSED 5ml
 DOSE OF INJECTATE 0.5 μ C P M OF INJ 79188

| TIME POINTS POST INFUSION | HCT | GAMMA COUNTS /ml | QC VALUES CPM/ML |
|------------------------------|-------------|---------------------|---------------------|
| BKG | — | — | <40 |
| PRE | <u>41</u> | <u>0</u> | BKG 20% |
| 10 MIN | <u>37</u> | <u>179</u> | |
| 20 MIN | <u>40</u> | <u>181</u> | |
| 30 MIN | <u>37</u> | <u>176</u> | |
| <u>Avg Net</u> 30 MIN | <u>38.8</u> | | |
| MIN | | | |

UNIT CPM/ML INJECTED 79188 50-100 X 10³

| | MEASURED | THEORETICAL |
|----------|-------------|-------------|
| RCV (ML) | <u>2350</u> | <u>2178</u> |
| PV (ML) | <u>4455</u> | <u>3279</u> |
| TBV (ML) | <u>6805</u> | <u>5457</u> |

QUALITY CONTROL CHECK PRIOR TO INJECTION

DOSE OF INJECTATE 0.5 μ TIME DOSED 0910

SIGNATURE OF PERSON ISSUING 125 I [Signature]

MEDICAL OFFICER INJECTING SMALL ALIQUOT MUST SIGN BELOW AFTER CHECKING ALL INFORMATION IN BOLD

C. E. Jelen (MEDICAL OFFICER)

INJECTED AT 10:04 HRS IN THE (L) r/l) arm
 *TECHNICIAN TRANSFERRING THE BLOOD MUST INITIAL