

May 21, 2009

RPR 12C THYROID MONITORING REPORT

Name: _____ Soc. Sec. No. _____

Instructions:

1. Record successive counts for one individual until the sheet is filled, or until a verification assay is required, as long as the same instrument is used and the calibration is still valid.
2. Use the same counting time for all counts.
3. Convert to thyroid activity if counts exceed an action level.

Instrument and calibration data:

Scaler – model: _____ Ser. No. _____

Detector – model: _____ Ser. No. _____

Calibration date: _____ Count time: _____ min or sec

I-129 check source activity: _____ nCi Net counts in phantom: _____ cpm

Efficiency (cpm/nCi): I-125: _____ I-131: _____

Screening assay data:

Date	Nuclide Used	Elapsed Interval Level (weeks)	Verif. Phantom (nCi)	Counts (cpm)		Thyroid Data			By
				Bkgd.	I-129	Gross (cpm)	Net (cpm)	(nCi)	
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Submit the form for filing after the above spaces have been filled, or after one verification assay has been recorded, whichever come first.

Verification assay data:

If screening assay exceeds the verification level, make a measurement on the thigh to determine contribution from blood pool. Use the thigh measurement as the background to determine net activity in thyroid:

$$= \frac{(\text{Count rate (cpm) from thyroid}) - (\text{Count rate (cpm) from thigh})}{(\text{Efficiency (cpm/nCi)})} = \text{_____ nCi}$$

If the verification assay result does not exceed the investigation level, submit the form although no further action is required. If the investigation level is exceeded, report to the RSO and initiate an investigation.

Reviewed by: _____ Date: _____