

INSTRUMENT SELECTOR WALL CHART

ISOTOPE	Major emission (ke V)		Radiation	Contamination
	Beta	Gamma		
Americium 241		59	900R, D, 1000R	900/44A, 900 alpha probe (#)
Barium 133 * (open source)		30/81		900/44A, 44B
Barium 133 * (source in vial)		356		900/41
Cadmium 109		88		900/44A, 42B, 42A
Caesium 134	662	796	900/41	900E, EP15
Caesium 137	512	662	900R, D, G, SL, 1000R, 2100	900E, EP15, EP15FL, 44A, 41
Calcium 45	257			900EP15, EP15FL
Carbon 14	150		900E	900EP15
Chlorine 36	709			900E, S, SL, EP15, EP15FL
Chromium 51 * (open source)		320		900/44B
Chromium 51 * (source in vial)		320		900/41
Cobalt 57		122		900/44A, 42A, 41
Cobalt 58 *		6.5 / 810		900/44B, 44A
Cobalt 58 * (source in vial)		6.5 / 810		900/41
Cobalt 60	1550	1330	900R, D, G, 1000R, 2100	900SL, 2100
Gallium 67		93		900/44A, 44B
Gold 195		261		900/44A
Indium 111 *		23 245		900/44B, 44A
Indium 113 *		25 392		900/44B, 44A
Iodine 123		27		900/44A
Iodine 125 *		35	900D	900/44A
Iodine 131	606	363	900D, R, 1000R	900EP15, EP15FL, 41
Iridium 192	670	316	1000R	900E, EP15,
Iron 55		5		900/44B
Krypton 85	672	514 (weak)	900D	900E
Nickel 63	66			900EP15
Phosphorous 32	1700			900E, S, EP15, EP15FL
Phosphorous 33	245			900EP15
Promethium 147	225			900EP15
Radium 226	690	609	900R, G, D, 1000R	900/44A, 900 Alpha probe (#)
Selenium 75		264		900/44A, 41, 44B
Sodium 22	545	1270	900R, G, 1000R	900S, SL, E, EP15, EP15FL
Strontium 90 / Yttrium 90	546 / 2274			900S, SL, E, EP15, EP15FL
Sulphur 35	167			900EP15, EP15FL
Technetium 99m		141	900R, G, D, 1000R	900/41, 44A
Tellurium 123		27		900/44A
Thalium 204	764			900EP15
Thulium 170	964	84	900D	900/44A
Uranium 238	2290			900E, EP15