Recommendations for SIR comparisons

C. Michotte

In order to improve the KCRVs, the NMIs are kindly asked to submit the following radionuclides when they make primary standardizations.

No KCRV yet defined:

Few primary results to define the KCRV:

$$^{24}Na,\,^{56}Co,\,^{56}Mn,\,^{64}Cu,\,^{99}Mo,\,^{103}Ru,\,^{106}Ru,\,^{109}Cd,\,^{123}I,\,^{124}Sb,\,^{133}Xe,\,^{153}Gd,\,^{153}Sm,\,^{154}Eu,\,^{166m}Ho,\,^{177}Lu,\,^{207}Bi,\,^{222}Rn$$

Large spread in the primary results used to define the KCRV:

57
Co, 58 Co, 67 Ga, 75 Se, 111 In, 144 Ce, 169 Yb, 201 Tl, 203 Hg

Please note that ionization-chamber measurements cannot be used for the KCRV but can be used to update NMI degrees of equivalence in the KCDB.