

Material	Density (g/cm ³)	Z _{eff}	Ph.Abs.Coeff. at 511 keV (cm ⁻¹)	X ₀ (cm)	LY (Ph/MeV)	τ (ns)	λ (nm)	Bibliographic Reference number
Cross-luminescent materials are not determined								
Self-activated materials are not detected								
Doped materials								
LuBr₃:Ce		56	1.29					65.71
CeBr₃	5,2		0.066	1.96	68,000	17	371	68
RbGd₂Br₇:Ce	4.8	50.6	0.070	2.03	54,700	66	420	34
RbLu₂Br₇:Ce	4.8	53.6	0.99	1.92	30,000	80+slow	420	62
LaBr₃:Ce	5.1	45.6		1.88	61,000	30	356;387	67