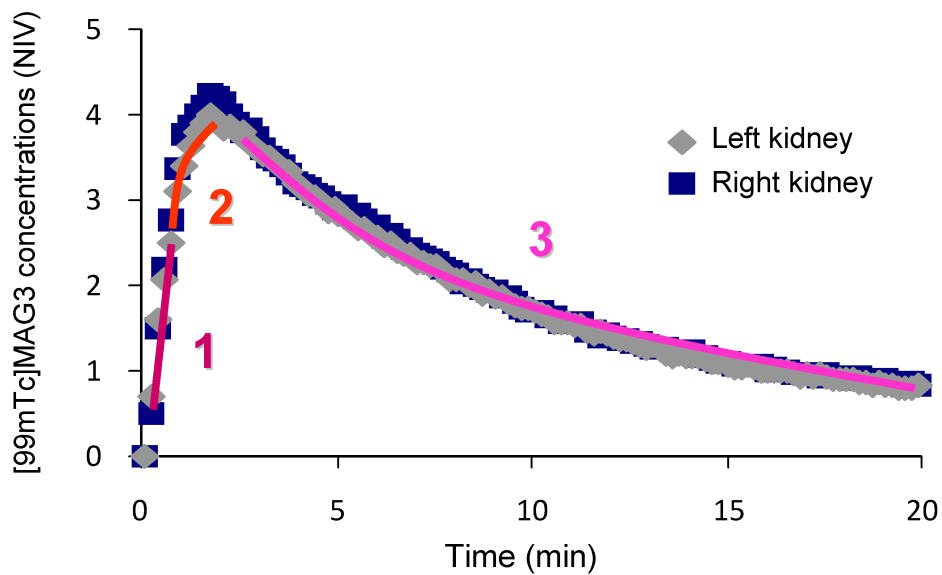


<u>Phase</u>	<u>Determinants</u>
1. Linear uptake;	renal perfusion tubular uptake glomerular filtration*
2. Ascending phase;	renal perfusion tubular uptake glomerular filtration* early tubular excretion
3. Descending phase;	tubular excretion



**Figure S1 Phases of <sup>99m</sup>Tc-MAG3 TACs and the factors involved in each phase.**

\* Glomerular filtration of <sup>99m</sup>Tc-MAG3 is minimum because of its high protein binding [Eshima D, Taylor A Jr. Semin Nucl Med. 1992 22(2):61-73].