Extracellular Calcium Ca^{2+}

Intestines

Transporters

Diffusion

PT Secretory Mass

Calcium intake Ca^{2+}

Phosphate intake P

Extracellular Calcitriol

Kidney 1-Hydroxylase

Ca^{2+} Calcium excretion

Bone Calcium Ca^{2+}

Extracellular PTH

Kidney

Bone Ca/P Ratio

Bone Phosphate P

Cell Phosphate P

Kidney Phosphate P

Transporters

Phosphate excretion P

Extracellular Phosphate P