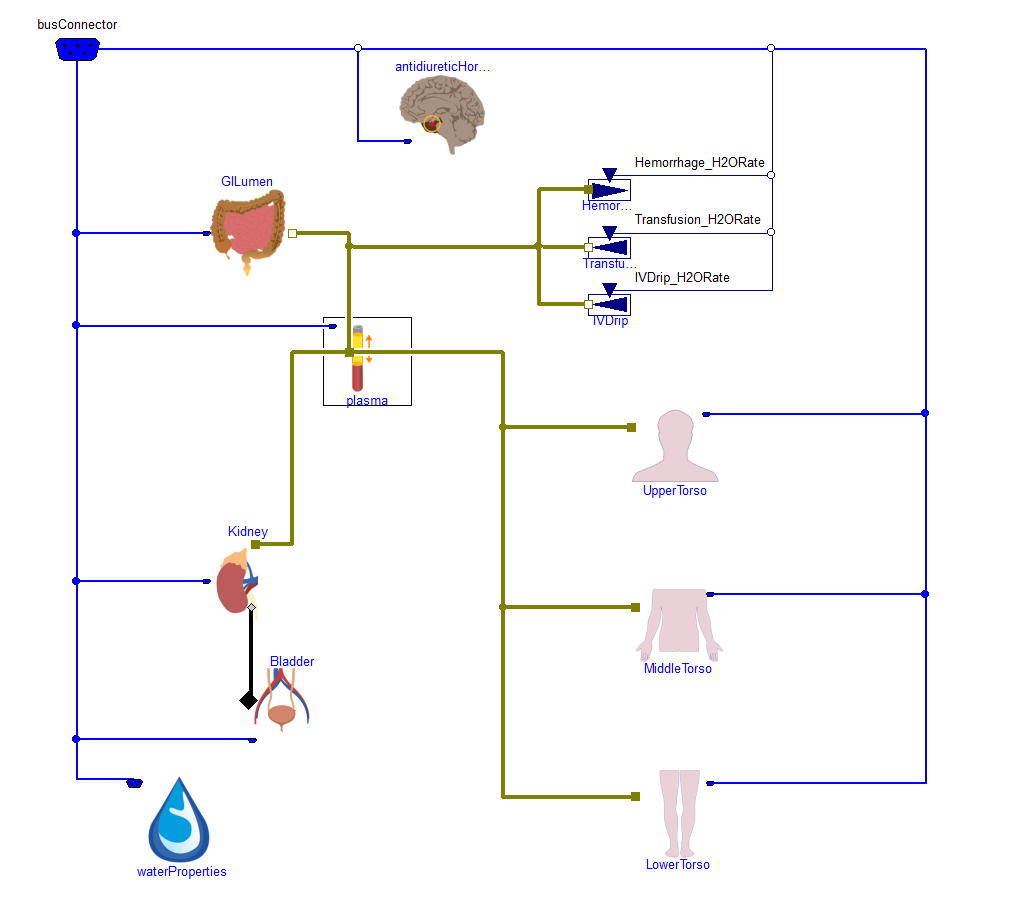
# Body water

The model of extracellular water (Fig1) such as the model of extracellular proteins is divided into eight main compartments: blood plasma (plasma), red blood cells (RBC), interstitial (IST)/intracellular(ICF) water of upper torso(UT), interstitial/intracellular water of middle torso(MT\_IST,MT\_ICF) and interstitial/intracellular water of lower torso(LT\_IST, LT\_ICF). These compartments are connected with osmotic connectors because an osmolality is the main force of transferring the water in the body. Normal distribution of water between compartments is written in table Tab1.



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| plasma | RBC | UT\_IST | UT\_ICF | MT\_IST | MT\_ICF | LT\_IST | LT\_ICF |
| 3020 ml | 1570 ml | 2270 ml | 4980 ml | 5670 ml | 12460 ml | 3400 ml | 7470 ml |