

Table 1 | A summary for components of axonal (axoplasmic) transport.

Axonal Transport	Velocity (mm/day)	Transporting Substances
Anterograde Transport		
Fast Transport	200-400	Synaptic vesicle, enzymes, neurotransmitters
Mitochondrial Transport	50-100	Mitochondria
Slow Transport		
Slow Components a (SCa)	0.1 - 1.0	Tubulin, neurofilament protein
Slow Component b (SCb)	2 - 6	Actin, clathrine, calmodulins, spectrin, cytoplasmic enzymes
Retrograde Transport	100-200	Prelysosomal vesicles, recycled proteins, HRP*, WGA**, neurotrophic viruses

*: Horseradish Peroxidase (HRP), **: Wheat Germ Agglutinin (WGA).