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## Product Datasheet

### Fluo-4 Calcium Assay Kit ASC-KTA7010

Article Name	Fluo-4 Calcium Assay Kit
Biozol Catalog Number	ASC-KTA7010
Supplier Catalog Number	KTA7010
Alternative Catalog Number	ASC-KTA7010-200, ASC-KTA7010-1000
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	Fluo-4 AM penetrates the cell membrane and enters the cell, where it is cleaved by esterases within the cell to form Fluo-4, which is then trapped within the cell....
Tag	Fluo-4
Application Notes	Fluo-4 AM penetrates the cell membrane and enters the cell, where it is cleaved by esterases within the cell to form Fluo-4, which is then trapped within the cell. When Fluo-4 exists as a free ligand, it is almost non fluorescent, but when combined with intracellular calcium, it can produce strong fluorescence. Laser confocal microscopy can be used to detect changes in intracellular calcium concentration.