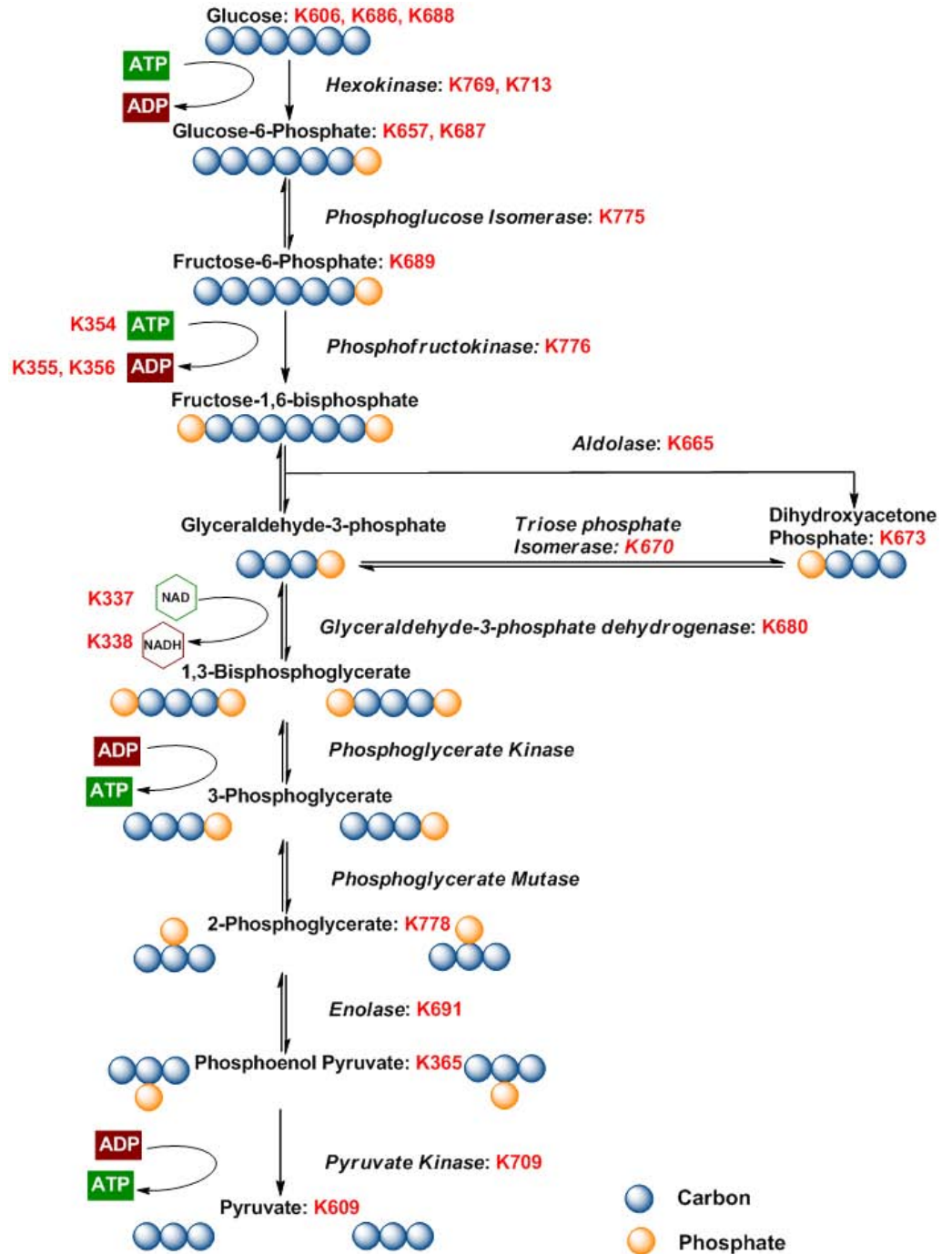


Glycolysis

The Glycolysis is practically found in almost all cells, prokaryotic and eukaryotic cells. This pathway gets highly-upregulated in tumor cells (Warburg effect). The enzymes involved in glycolysis are potential targets for the cancer treatment. BioVision offers the most complete series of assays measuring various metabolites, cofactors, and enzymes involved in the glycolytic pathway.



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Key Features:

- **Non-radioactive**, homogeneous assays
- **Specific** assays
- **Convenient:** minimal sample preparation; fast protocols (1-2 hours)
- **Cost effective:** 100 assays; **High Throughput Screening compatible**
- **Validated:** using mammalian tissues, cells, biological fluids

Assay Kits

	Target	Cat. No.	Detection*	Detection Limit	Sample Type
Metabolite	2-Phosphoglycerate	K778	C/F	20 pmol	Cells, tissues
	Dihydroxyacetone Phosphate	K673	F	50 pmol	Cells, tissues
	Glucose	K606	C/F	100 pmol	Serum, cells, tissues, urine
	Glucose	K686	C	1000 pmol	Serum, cells, tissues, food
	Glucose	K688	F	10 pmol	Serum, cells, tissues, food
	Glucose-6-phosphate	K657	C	1000 pmol	Serum, cells, tissues
	Glucose-6-phosphate	K687	F	5 pmol	Serum, cells, tissues
	Phosphoenol Pyruvate	K365	C/F	100 pmol	Cells, tissues
	Pyruvate	K609	C/F	100 pmol	Cells, tissues
Enzyme	Aldolase	K665	C	100 mU	Cells, tissues
	Enolase	K691	C/F	0.04 mU	Cells, tissues
	GADPH	K680	C	10 mU	Cells, tissues
	Hexokinase	K769	F	2 μU	Serum, cells, tissues
	Hexokinase	K713	C	---	Potential Inhibitors
	Phosphofruktokinase	K776	C	1 mU	Cells, tissues
	Phosphoglucose isomerase	K775	C	0.1 mU	Serum, cells, tissues
Coenzyme	Pyruvate kinase	K709	C/F	1000 pmol	Cells, tissues
	Triose Phosphate Isomerase	K670	C	4 mU	Cells, tissues
	ADP	K356	C	1000 pmol	Tissue, cells, PP
	ADP	K355	C/F	100 pmol	Tissue, cells, PP
	ATP	K354	C/F	100 pmol	Tissue, cells, PP
	ADP/ATP Ratio	K255	L	< 10 pmol	Cells, PP
	NADH	K338	F	< 0.5 pmol	Tissue, cells, PP
	NAD/NADH Ratio	K337	C	10 pmol	Tissue, cells, serum, urine
	NADP/NADP Ratio	K347	C	10 pmol	Tissue, cells, PP

*C: Colorimetric; F: Fluorometric; PP: Protein Preparation; L: Luminescence

The simplest, yet sensitive series of assays in the market!!!

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