

Thermo Scientific KingFisher Kits complete the unique nucleic acid purification workflow, providing an optimized high-throughput method for extreme flexibility.

- **Flexible KingFisher® system with optimized purification kits**
- **Customized kits for a wide variety of sample types**
- **Excellent performance and reproducibility**
- **Walk-away solution for any throughput**

Thermo Scientific KingFisher Kits

Performance

	Blood DNA Kit	Cell and Tissue DNA Kit	Plant DNA Kit	Total RNA Kit	Viral NA Kit
Starting materials	EDTA or citrate treated whole blood, fresh or frozen	Tissues and cultured cells or bacteria	Fresh and dried plant tissues	Tissues and cultured cells	Cell-free body fluids
Examples of sample material	Whole blood, tissues (might require lysis buffer outside the kit)	Different animal tissues, such as ear or tail samples and liver, spleen or kidney tissues. Human or animal cells such as HeLa-cells	Fresh or dried plant leaves, seeds	Different animal tissues, such as liver, kidney or brain tissues. Human or animal cells such as HeLa-cells. Fresh soft plant materials	Serum, plasma, urin, faeces
Maximum volume	Up to 3 ml	Up to 20 mg of tissue, 1 x 10 ⁷ cells or 1ml of overnight cultured bacteria	Up to 50 mg of fresh tissue or 10 mg of dried tissue	Up to 20 mg of tissue or 2 x 10 ⁶ cells	Up to 200 µl
Typical yield	3-10 µg from 250 µl and 90-130 µg from 3 ml	10-20 µg, depending on the sample material	2-17 µg, depending on the sample material	Depending on the sample material up to 30 µg	*
Typical A260/A280 ratio	1.7-2.0	1.7-2.0	1.7-2.0	1.8-2.1	
Protocol run time	30-60 min.	25 min.	30 min.	60 min.	45 min.

* The amount of viral nucleic acids (NA) in cell-free body fluids is usually very small and the yields of purified NA are low. It is generally recommended to use amplification techniques to determine the yield of viral NA.

Ordering Information

Product code	Description	Package size
97010060	KingFisher Blood DNA Kit 60 preps for KingFisher mL	60 preps
97010196	KingFisher Blood DNA Kit 1 x 96 preps for KingFisher Flex	96 preps
97020060	KingFisher Total RNA Kit 60 preps for KingFisher mL	60 preps
97020196	KingFisher Total RNA Kit 1 x 96 preps for KingFisher Flex	96 preps
97030060	KingFisher Cell and Tissue DNA Kit 60 preps for KingFisher mL	60 preps
97030196	KingFisher Cell and Tissue DNA Kit 1 x 96 preps for KingFisher Flex	96 preps
97040060	KingFisher Viral NA Kit 60 preps for KingFisher mL	60 preps
97040196	KingFisher Viral NA Kit 1 x 96 preps for KingFisher Flex	96 preps
97050196	KingFisher Plant DNA Kit 1 x 96 preps for KingFisher Flex	96 preps

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