

Quantia® Kappa/Lambda Light Chain

Turbidimetric immunoassay for determination of bound and free immunoglobulins of the Kappa and Lambda Light Chain type in human serum

Intended Use: _____

Quantia®-Kappa/Lambda Light Chain assay is a combo kit useful for determination of total Kappa/Lambda ratio by individual estimation of total Kappa (bound and free) light chains and total Lambda (bound and free) light chains in human serum.

Quantia®-Kappa/Lambda Light Chain Kit components:

Quantia® Kappa Activation Buffer (kR1)	Ready to use
Quantia® Lambda Activation Buffer (lR1)	Ready to use
Quantia® Kappa Antibody Reagent (kR2)	Ready to use solution of anti-human Kappa antibody.
Quantia® Lambda Antibody Reagent (lR2)	Ready to use solution of anti-human Lambda antibody.
Quantia® Calibrator (kS)	A lyophilized preparation of serum equivalent to the stated amount of total Kappa Light Chain on a mg/dl basis, when hydrated appropriately.
Quantia® Calibrator (lS)	A lyophilized preparation of serum equivalent to the stated amount of total Lambda Light Chain on a mg/dl basis, when hydrated appropriately.
Other Accessories	Package Insert, Graph paper

Performance Characteristics:

	Kappa	Lambda
Measuring range	40 - 700 mg/dl	20 - 350 mg/dl
Prozone limit	18000 mg/dl	60000 mg/dl

FEATURES	BENEFITS
Combo kit	Increased production of monoclonal immunoglobulins or free monoclonal light chains lead to Kappa/Lambda ratio outside the reference range suggesting the existence of monoclonal gammopathy. Combo kit is useful for determination of total Kappa/Lambda ratio by individual estimation of total Kappa (bound and free) light chains and total Lambda (bound and free) light chains in human serum.
High specificity	Anti-human Kappa antibody specific to bound and free Kappa light chains in the test specimen Anti-human Lambda antibody specific to bound and free Lambda light chains in the test specimen
Versatile	Can be adapted on most cuvette mode chemistry analyzers

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 months
In Use Stability (Reconstituted Calibrator)	2-8°C	7 days when stored tightly capped
	25-30°C (R.T.)	48 hours

Available Pack Sizes

25 Tests

Suggested control	Seroquant Kappa/Lambda Control
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