

Calcium Phosphonazo FS



Stable. Economic. Precise.
Excellent Performance Combined with High Convenience.

DiaSys

Diagnostic Systems

CHOOSING QUALITY.

Calcium Phosphonazo FS – Best Choice for Calcium Management

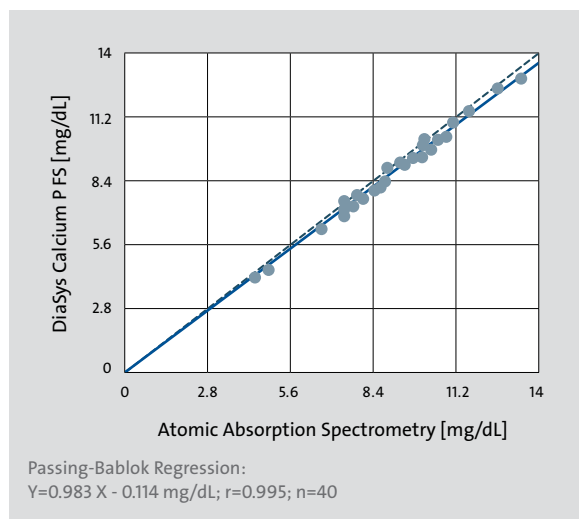
Calcium is an essential measurand contributing to various conditions as malignant tumors, endocrine diseases, sarcoidosis, hypoparathyroidism, renal failure or acute pancreatitis. Conventional methodologies as Calcium CPC (o-cresolphthalein complexone) are

associated with several limitations as sensitivity to temperature and pH, leading to poor on-board stability. Therefore, DiaSys developed Calcium Phosphonazo FS as an alternative method for calcium measurement defined by high convenience and outstanding performance.

Test Characteristics

- Innovative Phosphonazo III method
- Suitable for serum, plasma and urine
- Excellent precision
- Wide measuring range up to 25 mg/dL
- Excellent on-board and calibration stabilities of up to 8 weeks
- Standardized against reference method atomic absorption spectrometry

Method Comparison vs Reference Method



Precision

Intra-assay (n=20)	Mean (mg/dL)	SD (mg/dL)	CV (%)
Sample 1	8.10	0.04	0.48
Sample 2	9.51	0.07	0.73
Sample 3	13.9	0.09	0.64

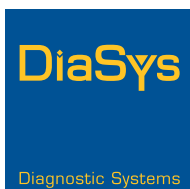
Convenient Use

- Liquid-stable, ready-to-use reagent
- Stable reagent, insensitive to CO₂ influence
- Long shelf-life, on-board and calibration stabilities
- Non-hazardous ingredients, no environmental burden
- Flexible usage, applicable to various instruments



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