FUJIFILM

Wako

Liver Disease | T-BIL
KITS | BULK

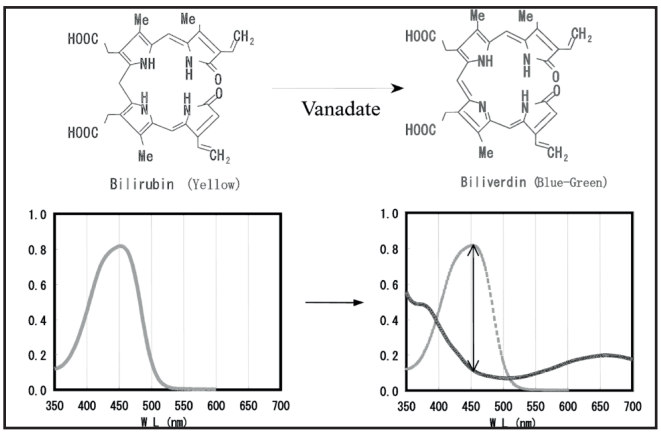
TOTAL BILIRUBIN L-TYPE | Vanadate oxidation

For the quantitative determination of Total Bilirubin in serum

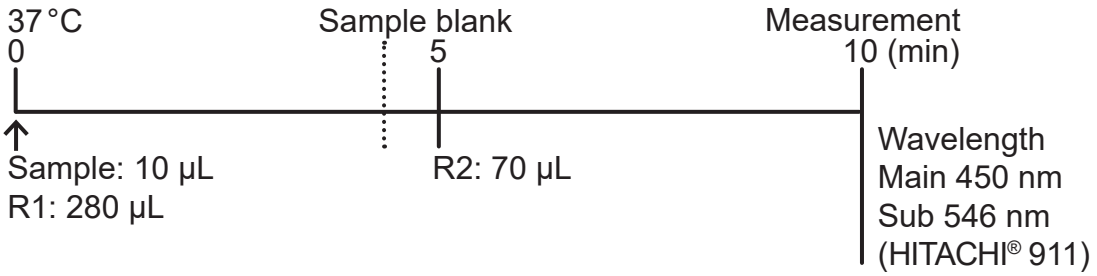
- Stable liquid reagent, ready to use
- Open bottle stability: 1 month at 2 - 10 °C
- Highly precise
- Highly specific
- No interference by haemolysis, ascorbic acid and intrafat

Principle

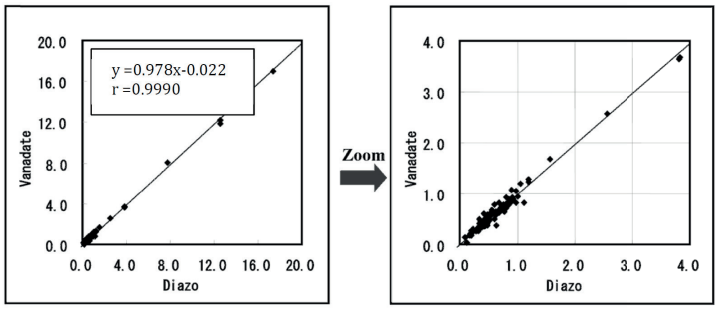
Bilirubin in the sample is oxidized to biliverdine at around pH 3. Then the absorbance of yellow specific to bilirubin decreases. Therefore, the bilirubin concentration in the sample can be obtained by measuring the absorbance before and after the vanadate oxidation.



Procedure



Correlation



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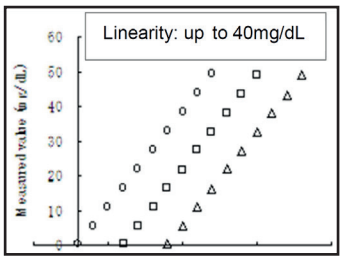
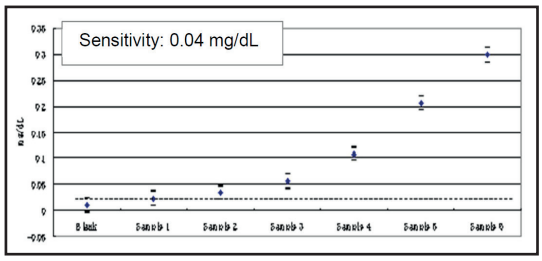
Range

0.1 – 40 mg/dL

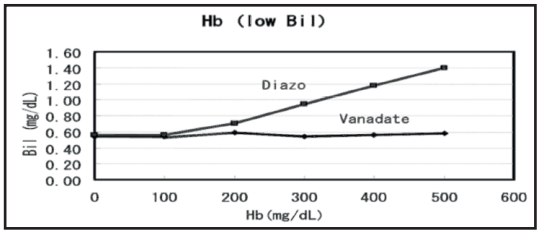
Linearity/ Sensitivity

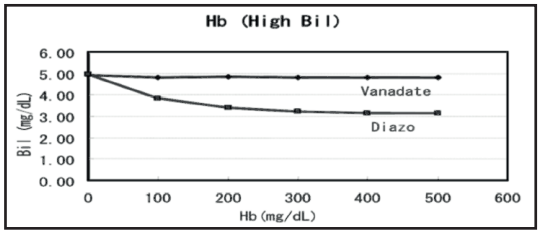


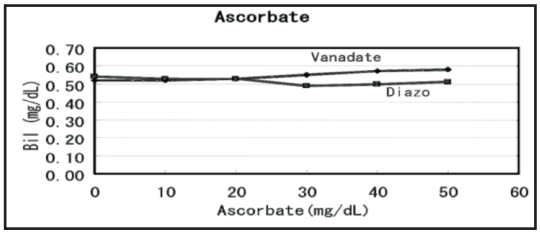


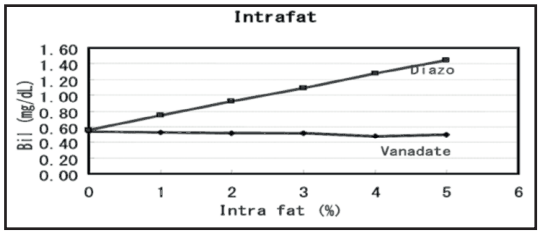
Interference

Hemoglobin, ascorbic acid or intrafat do not have significant influence on the assay.









CE Applications

AU2700	Hitachi 904	Hitachi 917
AU5400	Hitachi 911	Hitachi 7600
Hitachi 902	Hitachi 912	Modular

Ordering

Code No.	Product	Content
417-23295	Total Bilirubin L-Type R1	R1: 4 x 70 mL
419-23495	Total Bilirubin L-Type R2	R2: 4 x 18 mL
995-70532	Total Bilirubin buffer	16 L BULK
992-70542	Total Bilirubin vanadate	4 L BULK
419-73295	Bilirubin Calibrator	CAL: 4 x for 3 mL

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