

**Analyte Methodwise Result Report**

Lab : 741

Cycle No : 220207

Lab Name : SHREE RUGHA RAM BHADU MEMORIAL EDUCATION AND WELFARE SOCIETY

Sample No : 1

Report Date : 31/08/2022

Sample Date : 28-07-2022

**HbA1c, HbA1c, %**

**Comparative Statistics**

|   | N   | Mean | SD   | CV%  | Excluded |
|---|-----|------|------|------|----------|
| All Methods                                   | 134 | 5.83 | 0.30 | 5.12 | 3        |
| Fluorescent immunoassay (FIA) - (Your Method) | 1   | --   | --   | --   | --       |
| Robonik Prietest Touch - (Your Analyzer)      | 1   | --   | --   | --   | --       |

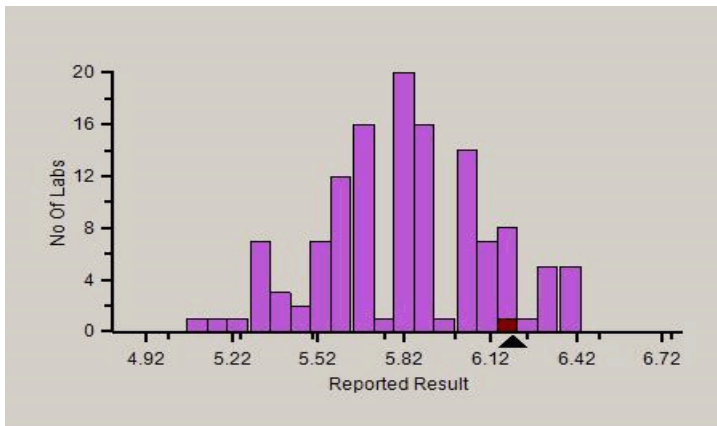
**Evaluation Based On - Equipment wise Peer Grouping**

|                          |       |                   |      |
|--------------------------|-------|-------------------|------|
| Your Result              | 6.20  | SDI / z-Score     | 0.82 |
| Assigned Value           | 5.87  | Average SDI       | 0.68 |
| SDPA                     | 0.409 | Uncertainty of AV | 0.10 |
| Standard Unit Result Val | 6.20  | %DEV              | 0.00 |

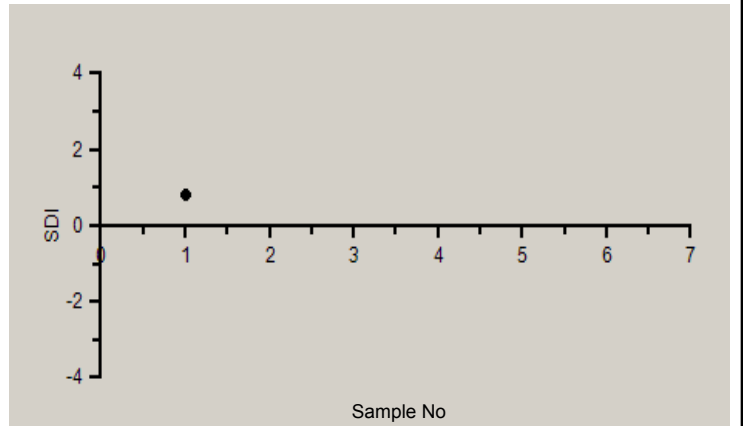
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

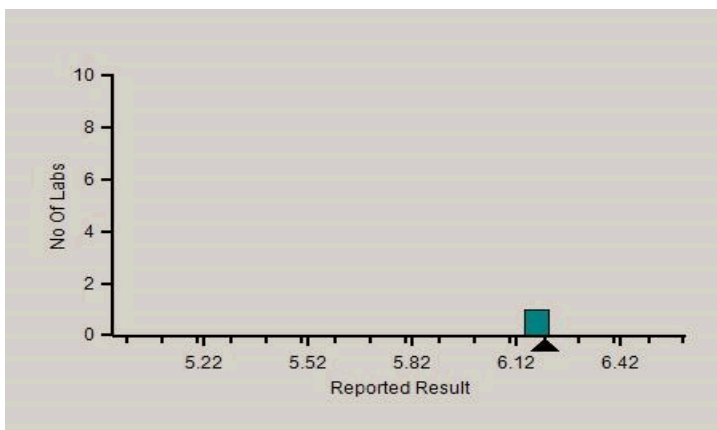
Frequency Histogram



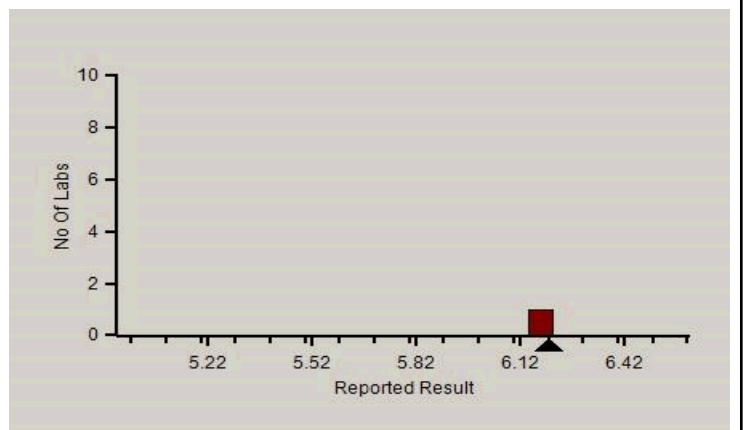
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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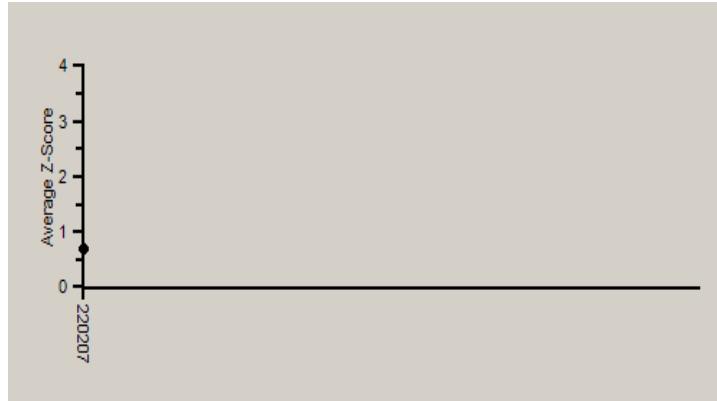
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Absolute Z-Score Average - Across Rounds



Note : SDI with \* marked are not considered for evaluation.

**Comments :**

| HbA1c, HbA1c           |                               | N   | Mean | SD   | CV%   | Excluded |
|------------------------|-------------------------------|-----|------|------|-------|----------|
|                        | All Analyzer                  | 134 | 5.83 | 0.30 | 5.12  | 3        |
| <b>Your Analyzer :</b> | <b>Robonik Prietest Touch</b> | 1   | --   | --   | --    | --       |
|                        | Biorad D-10                   | 31  | 5.83 | 0.23 | 3.89  | --       |
|                        | Erba EM 200                   | 16  | 5.86 | 0.94 | 16.00 | 2        |
|                        | Tosoh G8 Auto HPLC            | 15  | 5.87 | 0.23 | 3.90  | --       |
|                        | Tosoh HLC 723 GX              | 13  | 5.75 | 0.25 | 4.42  | --       |
|                        | Transasia XL 640              | 12  | 6.22 | 0.70 | 11.26 | 1        |
|                        | Lifotronic GH-900Plus         | 10  | 5.80 | 0.24 | 4.07  | --       |
|                        | Roche cobas c 311             | 9   | 5.66 | 0.35 | 6.22  | --       |
|                        | Mispa i2                      | 8   | 5.96 | 0.30 | 5.04  | --       |

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- b) If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
- c) If your SDI is +/- 3.0 SDI or more then it is an action alert flag.



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Interpretation when an analyte is reported for multiple samples in a Round:

a) Reported on 2 samples:

- Two out of two pass - Acceptable performance
- One out of two pass - Review for random error & take action if appropriate
- Both failed - Unacceptable performance, Review for systematic error

b) Reported on 3 samples:

- All pass - Acceptable performance
- Two out of three pass - Review for random error & take action if appropriate
- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error

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