

Input JSON

```
curl --location 'http://111.118.187.224:8000/smartreportAPI' \  
--header 'Content-Type: application/json' \  
--data '{  
  "smartreport_id": "SR-234",  
  "callback_url": "https://example.com/callback",  
  "smartreport_fields": {  
    "id": "234",  
    "name": "Punnoose",  
    "age": "40",  
    "date": "9/12/25",  
    "gender": "male",  
    "parameters": [  
      { "parameter_id": "167", "parameter_name": "direct bilirubin", "parameter_value": "0.1",  
"parameter_unit": "mg/dL" },  
      { "parameter_id": "168", "parameter_name": "indirect bilirubin", "parameter_value": "0.85",  
"parameter_unit": "mg/dL" },  
      { "parameter_id": "169", "parameter_name": "alkaline phosphatase", "parameter_value": "125",  
"parameter_unit": "U/L" },  
      { "parameter_id": "170", "parameter_name": "ggt", "parameter_value": "45", "parameter_unit":  
"u/l" },  
      { "parameter_id": "173", "parameter_name": "sgot", "parameter_value": "60", "parameter_unit":  
"U/L" },  
      { "parameter_id": "174", "parameter_name": "sgpt", "parameter_value": "70", "parameter_unit":  
"U/L" },  
      { "parameter_id": "175", "parameter_name": "albumin", "parameter_value": "3.7",  
"parameter_unit": "g/dL" },  
      { "parameter_id": "177", "parameter_name": "albumin-globulin ratio", "parameter_value":  
"1.5", "parameter_unit": "" },  
      { "parameter_id": "178", "parameter_name": "total protein", "parameter_value": "6.7",  
"parameter_unit": "g/dL" },  
      { "parameter_id": "193", "parameter_name": "hbeag", "parameter_value": "present",  
"parameter_unit": "" },  
      { "parameter_id": "171", "parameter_name": "bile pigments", "parameter_value": "present",  
"parameter_unit": "" },  
      { "parameter_id": "172", "parameter_name": "bile salts", "parameter_value": "not present",  
"parameter_unit": "" },  
      { "parameter_id": "187", "parameter_name": "hcv", "parameter_value": "present",  
"parameter_unit": "" },  
      { "parameter_id": "181", "parameter_name": "alpha 1 globulin", "parameter_value": "0.22",  
"parameter_unit": "g/dL" },  
      { "parameter_id": "182", "parameter_name": "alpha 2 globulin", "parameter_value": "0.45",  
"parameter_unit": "g/dL" },  
      { "parameter_id": "183", "parameter_name": "beta 1 globulin", "parameter_value": "0.35",  
"parameter_unit": "g/dL" },  
      { "parameter_id": "124", "parameter_name": "neutrophils", "parameter_value": "17",  
"parameter_unit": "%" },  
    ]  
  }  
}
```

```

    { "parameter_id": "125", "parameter_name": "monocytes", "parameter_value": "13",
"parameter_unit": "%" },
    { "parameter_id": "126", "parameter_name": "granulocytes", "parameter_value": "44",
"parameter_unit": "%" },
    { "parameter_id": "127", "parameter_name": "eosinophils", "parameter_value": "0.55",
"parameter_unit": "%" },
    { "parameter_id": "128", "parameter_name": "Basophils", "parameter_value": "0.5",
"parameter_unit": "%" },
    { "parameter_id": "44", "parameter_name": "Hemoglobin-A2", "parameter_value": "1",
"parameter_unit": "%" },
    { "parameter_id": "29", "parameter_name": "rbc count", "parameter_value": "4.3",
"parameter_unit": "10^6/μL" },
    { "parameter_id": "30", "parameter_name": "erythrocyte sedimentation rate",
"parameter_value": "4.3", "parameter_unit": "mm" },
    { "parameter_id": "31", "parameter_name": "mch", "parameter_value": "28", "parameter_unit":
"pg" },
    { "parameter_id": "35", "parameter_name": "mean corpuscular hemoglobin concentration",
"parameter_value": "35", "parameter_unit": "g/dL" },
    { "parameter_id": "34", "parameter_name": "pct", "parameter_value": "0.24", "parameter_unit":
"%" },
    { "parameter_id": "45", "parameter_name": "Hemoglobin-f", "parameter_value": "1",
"parameter_unit": "%" }
  ]
}
'

```

All the parameters currently supported

```

parameter_name: aso_titre parameter_unit: IU/mL type: numeric category_id: 2 parameter_id: 20
parameter_name: beta-2-glycoprotein-1 IgG parameter_unit: U/mL type: numeric category_id: 2
parameter_id: 21
parameter_name: creatine_kinase parameter_unit: U/L type: numeric category_id: 2 parameter_id:
22
parameter_name: pro-bnp parameter_unit: pg/mL type: numeric category_id: 2 parameter_id: 23
parameter_name: alpha_feto_protein parameter_unit: ng/mL type: numeric category_id: 2
parameter_id: 24
parameter_name: ceruloplasmin parameter_unit: g/L type: numeric category_id: 2 parameter_id: 25
parameter_name: c-peptide parameter_unit: ng/mL type: numeric category_id: 2 parameter_id: 26
parameter_name: hemoglobin parameter_unit: g/dL type: numeric category_id: 3 parameter_id: 27
parameter_name: platelet_count parameter_unit: 10^3/μL type: numeric category_id: 3
parameter_id: 28
parameter_name: rbc_count parameter_unit: 10^6/μL type: numeric category_id: 3 parameter_id: 29
parameter_name: esr parameter_unit: mm type: numeric category_id: 3 parameter_id: 30
parameter_name: mch parameter_unit: pg type: numeric category_id: 3 parameter_id: 31
parameter_name: mcv parameter_unit: fL type: numeric category_id: 3 parameter_id: 32
parameter_name: pcv parameter_unit: % type: numeric category_id: 3 parameter_id: 33

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parameter_name: pct parameter_unit: % type: numeric category_id: 3 parameter_id: 34
parameter_name: mchc parameter_unit: g/dL type: numeric category_id: 3 parameter_id: 35
parameter_name: polymorphs parameter_unit: % type: numeric category_id: 3 parameter_id: 36
parameter_name: rdw-cv parameter_unit: % type: numeric category_id: 3 parameter_id: 37
parameter_name: rdw-sd parameter_unit: fL type: numeric category_id: 3 parameter_id: 38
parameter_name: mpv parameter_unit: fL type: numeric category_id: 3 parameter_id: 39
parameter_name: hemoglobin-a parameter_unit: % type: numeric category_id: 3 parameter_id: 43
parameter_name: hemoglobin-a2 parameter_unit: % type: numeric category_id: 3 parameter_id: 44
parameter_name: hemoglobin-f parameter_unit: % type: numeric category_id: 3 parameter_id: 45
parameter_name: hemoglobin-s parameter_unit: % type: numeric category_id: 3 parameter_id: 46
parameter_name: hemoglobin-d parameter_unit: % type: numeric category_id: 3 parameter_id: 47
parameter_name: hemoglobin-e parameter_unit: % type: numeric category_id: 3 parameter_id: 48
parameter_name: p-lcr parameter_unit: % type: numeric category_id: 3 parameter_id: 52
parameter_name: pdw parameter_unit: % type: numeric category_id: 3 parameter_id: 53
parameter_name: pdws parameter_unit: fL type: numeric category_id: 3 parameter_id: 54
parameter_name: mixed cell parameter_unit: % type: numeric category_id: 3 parameter_id: 55
parameter_name: fetal hemoglobin parameter_unit: % type: numeric category_id: 3 parameter_id: 56
parameter_name: prostate-specific-antigen-total parameter_unit: ng/mL type: numeric category_id: 4 parameter_id: 57
parameter_name: ca-125 parameter_unit: U/mL type: numeric category_id: 4 parameter_id: 58
parameter_name: cea parameter_unit: ng/mL type: numeric category_id: 4 parameter_id: 59
parameter_name: ca-19-9 parameter_unit: U/mL type: numeric category_id: 4 parameter_id: 60
parameter_name: ca-15-3 parameter_unit: U/mL type: numeric category_id: 4 parameter_id: 61
parameter_name: eAG parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 62
parameter_name: fbs parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 63
parameter_name: fasting plasma glucose parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 64
parameter_name: mean plasma glucose parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 65
parameter_name: mean blood glucose parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 66
parameter_name: rbs parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 67
parameter_name: random plasma glucose parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 68
parameter_name: hba1c parameter_unit: % type: numeric category_id: 5 parameter_id: 69
parameter_name: ppbs parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 70
parameter_name: post breakfast glucose parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 71
parameter_name: two hour post glucose parameter_unit: mg/dL type: numeric category_id: 5 parameter_id: 72
parameter_name: prolactin parameter_unit: ng/mL type: numeric category_id: 7 parameter_id: 80
parameter_name: anti mullerian hormone parameter_unit: ng/mL type: numeric category_id: 7 parameter_id: 81
parameter_name: estradiol parameter_unit: pg/mL type: numeric category_id: 7 parameter_id: 82
parameter_name: luteinizing hormone parameter_unit: mIU/mL type: numeric category_id: 7 parameter_id: 83
parameter_name: fsh parameter_unit: mIU/mL type: numeric category_id: 7 parameter_id: 84
parameter_name: total-testosterone parameter_unit: ng/dL type: numeric category_id: 7 parameter_id: 85
parameter_name: dehydroepiandrosterone parameter_unit: ng/mL type: numeric category_id: 7 parameter_id: 86

parameter_name: hcg parameter_unit: mIU/mL type: numeric category_id: 7 parameter_id: 87
parameter_name: cortisol parameter_unit: nmol/L type: numeric category_id: 7 parameter_id: 88
parameter_name: angiotensin converting enzyme parameter_unit: U/L type: numeric category_id: 7
parameter_id: 89
parameter_name: interleukin-6 parameter_unit: pg/mL type: numeric category_id: 7 parameter_id:
90
parameter_name: total cholesterol parameter_unit: mg/dL type: numeric category_id: 8
parameter_id: 91
parameter_name: ldl cholesterol parameter_unit: mg/dL type: numeric category_id: 8 parameter_id:
92
parameter_name: vldl cholesterol parameter_unit: mg/dL type: numeric category_id: 8
parameter_id: 93
parameter_name: hdl cholesterol parameter_unit: mg/dL type: numeric category_id: 8 parameter_id:
94
parameter_name: triglycerides parameter_unit: mg/dL type: numeric category_id: 8 parameter_id:
95
parameter_name: high-sensitivity-c-reactive-protein parameter_unit: mg/L type: numeric
category_id: 8 parameter_id: 96
parameter_name: c-reactive-protein parameter_unit: mg/L type: numeric category_id: 8
parameter_id: 97
parameter_name: homocysteine parameter_unit: μ mol/L type: numeric category_id: 8 parameter_id:
98
parameter_name: chol-hdl-ratio parameter_unit: type: numeric category_id: 8 parameter_id: 99
parameter_name: non-hdl-cholesterol parameter_unit: mg/dL type: numeric category_id: 8
parameter_id: 100
parameter_name: ldl-hdl-ratio parameter_unit: type: numeric category_id: 8 parameter_id: 101
parameter_name: d-dimer parameter_unit: microgram/mL type: numeric category_id: 9
parameter_id: 105
parameter_name: prothrombin-time parameter_unit: seconds type: numeric category_id: 9
parameter_id: 106
parameter_name: pt-ratio parameter_unit: type: numeric category_id: 9 parameter_id: 107
parameter_name: mnpt parameter_unit: seconds type: numeric category_id: 9 parameter_id: 108
parameter_name: inr parameter_unit: type: numeric category_id: 9 parameter_id: 109
parameter_name: aptt parameter_unit: seconds type: numeric category_id: 9 parameter_id: 110
parameter_name: mentzer index parameter_unit: type: numeric category_id: 9 parameter_id: 111
parameter_name: sehgal index parameter_unit: type: numeric category_id: 9 parameter_id: 112
parameter_name: lactate dehydrogenase parameter_unit: U/L type: numeric category_id: 9
parameter_id: 116
parameter_name: transferrin parameter_unit: mg/dL type: numeric category_id: 9 parameter_id: 117
parameter_name: total iron binding capacity parameter_unit: microgram/dL type: numeric
category_id: 9 parameter_id: 118
parameter_name: band cells parameter_unit: % type: numeric category_id: 9 parameter_id: 119
parameter_name: reticulocyte parameter_unit: % type: numeric category_id: 9 parameter_id: 120
parameter_name: wbc count parameter_unit: $10^3/\mu$ L type: numeric category_id: 10 parameter_id:
121
parameter_name: lymphocytes parameter_unit: % type: numeric category_id: 10 parameter_id: 123
parameter_name: neutrophils parameter_unit: % type: numeric category_id: 10 parameter_id: 124
parameter_name: monocytes parameter_unit: % type: numeric category_id: 10 parameter_id: 125
parameter_name: granulocytes parameter_unit: % type: numeric category_id: 10 parameter_id: 126
parameter_name: eosinophils parameter_unit: % type: numeric category_id: 10 parameter_id: 127
parameter_name: basophils parameter_unit: % type: numeric category_id: 10 parameter_id: 128

parameter_name: neutrophils-absolute_count parameter_unit: 10⁹/L type: numeric category_id: 10
parameter_id: 129
parameter_name: lymphocytes-absolute_count parameter_unit: 10⁹/L type: numeric category_id:
10 parameter_id: 130
parameter_name: monocytes-absolute_count parameter_unit: 10⁹/L type: numeric category_id: 10
parameter_id: 131
parameter_name: eosinophils-absolute_count parameter_unit: 10⁹/L type: numeric category_id: 10
parameter_id: 132
parameter_name: basophils-absolute_count parameter_unit: 10⁹/L type: numeric category_id: 10
parameter_id: 133
parameter_name: nlr parameter_unit: type: numeric category_id: 10 parameter_id: 134
parameter_name: creatinine-serum parameter_unit: mg/dL type: numeric category_id: 11
parameter_id: 150
parameter_name: estimated-glomerular-filtration-rate parameter_unit: mL/min/1.73 m² type:
numeric category_id: 11 parameter_id: 151
parameter_name: microalbumin parameter_unit: mg/day type: numeric category_id: 11
parameter_id: 152
parameter_name: sodium parameter_unit: mmol/L type: numeric category_id: 11 parameter_id: 153
parameter_name: potassium parameter_unit: mmol/L type: numeric category_id: 11 parameter_id:
154
parameter_name: uric acid parameter_unit: mg/dL type: numeric category_id: 11 parameter_id: 155
parameter_name: blood urea parameter_unit: mg/dL type: numeric category_id: 11 parameter_id:
156
parameter_name: blood urea nitrogen parameter_unit: mg/dL type: numeric category_id: 11
parameter_id: 157
parameter_name: acr parameter_unit: mg/g type: numeric category_id: 11 parameter_id: 158
parameter_name: macr parameter_unit: mg/g type: numeric category_id: 11 parameter_id: 159
parameter_name: microalbumin spot urine parameter_unit: mg/dL type: numeric category_id: 11
parameter_id: 160
parameter_name: creatinine spot urine parameter_unit: mg/dL type: numeric category_id: 11
parameter_id: 161
parameter_name: protein spot urine parameter_unit: mg/dL type: numeric category_id: 11
parameter_id: 162
parameter_name: pcr parameter_unit: type: numeric category_id: 11 parameter_id: 163
parameter_name: urea-creatinine-ratio parameter_unit: type: numeric category_id: 11
parameter_id: 164
parameter_name: bun-creatinine-ratio parameter_unit: type: numeric category_id: 11 parameter_id:
165
parameter_name: total bilirubin parameter_unit: mg/dL type: numeric category_id: 12
parameter_id: 166
parameter_name: direct bilirubin parameter_unit: mg/dL type: numeric category_id: 12
parameter_id: 167
parameter_name: indirect bilirubin parameter_unit: mg/dL type: numeric category_id: 12
parameter_id: 168
parameter_name: alkaline phosphatase parameter_unit: U/L type: numeric category_id: 12
parameter_id: 169
parameter_name: gamma-glutamyl-transferase parameter_unit: U/L type: numeric category_id: 12
parameter_id: 170
parameter_name: sgot parameter_unit: U/L type: numeric category_id: 12 parameter_id: 173
parameter_name: sgpt parameter_unit: U/L type: numeric category_id: 12 parameter_id: 174
parameter_name: albumin parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 175
parameter_name: globulin parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 176

parameter_name: ag ratio parameter_unit: type: numeric category_id: 12 parameter_id: 177
parameter_name: total protein parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 178
parameter_name: albumin fraction parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 180
parameter_name: alpha-1-globulin parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 181
parameter_name: alpha-2-globulin parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 182
parameter_name: beta-1-globulin parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 183
parameter_name: beta-2-globulin parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 184
parameter_name: gamma-globulin parameter_unit: g/dL type: numeric category_id: 12 parameter_id: 185
parameter_name: hcv parameter_unit: S/CO type: numeric category_id: 12 parameter_id: 188
parameter_name: hav parameter_unit: S/CO type: numeric category_id: 12 parameter_id: 189
parameter_name: ammonia parameter_unit: micromol/L type: numeric category_id: 12 parameter_id: 190
parameter_name: sgot-sgpt-ratio parameter_unit: % type: numeric category_id: 12 parameter_id: 191
parameter_name: apolipoprotein parameter_unit: % type: numeric category_id: 12 parameter_id: 192
parameter_name: hbv dna parameter_unit: copies/mL type: numeric category_id: 12 parameter_id: 194
parameter_name: amylase parameter_unit: U/L type: numeric category_id: 14 parameter_id: 196
parameter_name: lipase parameter_unit: U/L type: numeric category_id: 14 parameter_id: 197
parameter_name: anti-phospholipid-antibody IgG parameter_unit: GPL U/mL type: numeric category_id: 15 parameter_id: 207
parameter_name: anti-phospholipid-antibody-igm parameter_unit: MPL U/mL type: numeric category_id: 15 parameter_id: 208
parameter_name: anti-cardiolipid-antibody IgG parameter_unit: gpl u/ml type: numeric category_id: 15 parameter_id: 209
parameter_name: anti-cardiolipid-antibody-igm parameter_unit: MPL U/mL type: numeric category_id: 15 parameter_id: 210
parameter_name: h1v1_viral_load parameter_unit: copies/mL type: numeric category_id: 16 parameter_id: 214
parameter_name: cd4 cd8 ratio parameter_unit: type: numeric category_id: 16 parameter_id: 215
parameter_name: CD3⁺ / CD45⁺ T-cell percentage parameter_unit: % type: numeric category_id: 16 parameter_id: 216
parameter_name: CD3⁺ / CD45⁺ T-helper cell percentage parameter_unit: % type: numeric category_id: 16 parameter_id: 217
parameter_name: CD3⁺ / CD45⁺ T-suppressor cell percentage parameter_unit: % type: numeric category_id: 16 parameter_id: 218
parameter_name: Absolute CD3⁺ lymphocyte count parameter_unit: microlitre type: numeric category_id: 16 parameter_id: 219
parameter_name: Absolute CD4⁺ lymphocyte count parameter_unit: microlitre type: numeric category_id: 16 parameter_id: 220
parameter_name: Absolute CD8⁺ lymphocyte count parameter_unit: microlitre type: numeric category_id: 16 parameter_id: 221
parameter_name: tsh parameter_unit: µIU/mL type: numeric category_id: 17 parameter_id: 224

parameter_name: t4 parameter_unit: microgram/dL type: numeric category_id: 17 parameter_id: 225

parameter_name: t3 parameter_unit: ng/mL type: numeric category_id: 17 parameter_id: 226

parameter_name: free t4 parameter_unit: ng/dL type: numeric category_id: 17 parameter_id: 227

parameter_name: free t3 parameter_unit: ng/dL type: numeric category_id: 17 parameter_id: 228

parameter_name: anti-tpo parameter_unit: IU/mL type: numeric category_id: 17 parameter_id: 229

parameter_name: anti-tg parameter_unit: IU/mL type: numeric category_id: 17 parameter_id: 230

parameter_name: intac parathyroid hormone parameter_unit: pg/mL type: numeric category_id: 17 parameter_id: 231

parameter_name: rubella IgG parameter_unit: IU/mL type: numeric category_id: 18 parameter_id: 232

parameter_name: rubella-igm parameter_unit: AU/mL type: numeric category_id: 18 parameter_id: 233

parameter_name: toxoplasma IgG parameter_unit: IU/mL type: numeric category_id: 18 parameter_id: 234

parameter_name: toxoplasma-igm parameter_unit: AU/mL type: numeric category_id: 18 parameter_id: 235

parameter_name: Herpes Simplex Virus (HSV)-1 & HSV-2 IgG parameter_unit: S/CO type: numeric category_id: 18 parameter_id: 238

parameter_name: specific-gravity parameter_unit: type: numeric category_id: 19 parameter_id: 245

parameter_name: urobilinogen parameter_unit: mg/dL type: numeric category_id: 19 parameter_id: 246

parameter_name: reaction parameter_unit: type: numeric category_id: 19 parameter_id: 274

parameter_name: cry calcium oxalate monohydrate parameter_unit: type: numeric category_id: 19 parameter_id: 281

parameter_name: cry calcium oxalate dihydrate parameter_unit: type: numeric category_id: 19 parameter_id: 282

parameter_name: cry calcium triple phosphate parameter_unit: type: numeric category_id: 19 parameter_id: 283

parameter_name: cry uric acid parameter_unit: type: numeric category_id: 19 parameter_id: 284

parameter_name: hbsag_numeric parameter_unit: IU/mL type: numeric category_id: 21 parameter_id: 346

parameter_name: anti-sars cov2 IgG s1-s2 parameter_unit: AU/mL type: numeric category_id: 21 parameter_id: 347

parameter_name: anti-sars cov2 total-antibody parameter_unit: AU/mL type: numeric category_id: 21 parameter_id: 348

parameter_name: vitamin-d parameter_unit: ng/mL type: numeric category_id: 22 parameter_id: 360

parameter_name: vitamin-d2 parameter_unit: ng/mL type: numeric category_id: 22 parameter_id: 361

parameter_name: vitamin-d3 parameter_unit: ng/mL type: numeric category_id: 22 parameter_id: 362

parameter_name: vitamin-b12 parameter_unit: pg/mL type: numeric category_id: 22 parameter_id: 363

parameter_name: iron parameter_unit: µg/dL type: numeric category_id: 22 parameter_id: 364

parameter_name: calcium parameter_unit: mg/dL type: numeric category_id: 22 parameter_id: 365

parameter_name: zinc parameter_unit: ug/dL type: numeric category_id: 22 parameter_id: 366

parameter_name: folate parameter_unit: ng/mL type: numeric category_id: 22 parameter_id: 367

parameter_name: vitamin-e parameter_unit: mg/L type: numeric category_id: 22 parameter_id: 368

parameter_name: magnesium parameter_unit: mg/dL type: numeric category_id: 22 parameter_id: 369

parameter_name: ferritin parameter_unit: ng/mL type: numeric category_id: 22 parameter_id: 370

parameter_name: chlorides parameter_unit: mEq/L type: numeric category_id: 22 parameter_id: 371

parameter_name: serum-bicarbonate parameter_unit: mmol/L type: numeric category_id: 22 parameter_id: 372

parameter_name: ionized calcium parameter_unit: mmol/L type: numeric category_id: 22 parameter_id: 373

parameter_name: phosphorus serum parameter_unit: mg/dL type: numeric category_id: 22 parameter_id: 374

Output Format

```
{
  smartreport_id:"SR-234",
  base64:"base64 string"
}
```

output will be posted to the callback_url specified