



# Immunoglobulin E Calibrators KIT

✓ **REFERENCE**

<b>Calibrators KIT</b>	<b>IEREK-000</b>	<b>5 x 1 ml</b>	<b>2-8°C</b>
Immunoglobulin E in synthetic biological fluid standardized from the international standard WHO11/234, sodium azide (< 1g/l)			
Lot #	19L03		
Expiry date	05/2021		
Control date	08/01/2020		
Quality control report #	DGM-QAC-REP-19188		
Document prepared and signed by	L. Ginneberge		

✓ **SAMPLES AND REFERENCE VALUES**

See the corresponding reagents technical sheet.

✓ **COMPOSITION**

Immunoglobulin E calibrators are synthetic biological fluids containing human Immunoglobulin E at fixed value diluted in buffer containing stabilizers and sodium azide (<1g/l) as preservative.

✓ **PRINCIPLE OF TEST**

The human serum sample reacts upon a specific antibody for IgE coated on a latex particles. In the presence of IgE, the particles agglutinate. This aggregation and the turbidity induced by the formation of immune complexes. The turbidity measured is directly proportional to the IgE sample concentration.

✓ **PRECAUTIONS**

For in vitro single diagnostic use. To be handled by entitled Personnel. Products from human source were tested and found free from HBsAg and antibodies to HCV and HIV but this material should be treated just as carefully as potentially infective.

Products containing sodium azide have to be handled with care; avoid ingestion and contact with skin and mucous membranes. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

✓ **ANALYTICAL PERFORMANCES**

See the corresponding reagents technical sheet.

✓ **PREPARATION AND REAGENTS STABILITY**

The calibrators are ready for use; once opened, they are stable until expiry date if stored stoppered in appropriate temperature conditions and without any contamination.

✓ **METHOD OF ANALYSIS AND CALCULATION**

See the corresponding reagents technical sheet.

✓ **QUALITY CONTROL**

**Accuracy and reproducibility:** Analytical performances can be checked with the internal quality control serum of the laboratory.

**Calibration:** Calibration curve and stability of calibration curve can be validated with the DiAgam calibration controls (IECOS-003, IECON-003).

Calibrate when the quality control results are outside acceptable range (contact the manufacturer if the deviations subsist), when the reagent lot number changes or when government regulations require.

✓ **BIBLIOGRAPHY**

Use of Anticoagulants in Diagnostic Laboratory Investigations & Stability of blood, plasma and serum samples. Publication WHO/DIL/LAB/99.1 Rev. 2. Jan. 2002



IEREKFTEN 09/01/2020 v00

<b>Immunoglobulin E</b>	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5
	IU/ml	IU/ml	IU/ml	IU/ml	IU/ml
	<b>55,6</b>	<b>110,5</b>	<b>233,7</b>	<b>582,0</b>	<b>1099,0</b>

Values assigned from the reference WHO11/234.

